

B.B.C. PLANS FOR THE WINTER. By ARTHUR R. BURROWS.



THE OFFICIAL ORGAN OF THE B.B.C.

Vol. 5. No. 53.

[Registered at the G.P.O. as a Newspaper.]

EVERY FRIDAY.

Two Pence.

**OFFICIAL
PROGRAMMES
OF
THE BRITISH
BROADCASTING
COMPANY.**

**For the Week Commencing
SUNDAY, September 28th.**

LONDON CARDIFF
ABERDEEN GLASGOW
BIRMINGHAM MANCHESTER
BOURNEMOUTH NEWCASTLE
BELFAST

SHEFFIELD (Relay)
PLYMOUTH (Relay)
EDINBURGH (Relay)
LIVERPOOL (Relay)
LEEDS-BRADFORD (Relay)
HULL (Relay)
NOTTINGHAM (Relay)

SPECIAL CONTENTS:

MUSIC AND YOUR MIND.

By Sir Robert Armstrong-Jones, M.D.

IF I PLANNED "THE WOMEN'S HOUR."

By Mrs. Bellec Lawndes.

"HEIGH-HO! COME TO THE FAIR!"

The Story of the Famous Song.

SONGS I LIKE BEST.

By Herbert Heyner.

OFFICIAL NEWS AND VIEWS.

The Year and the Day.

By J. C. W. Reith, Managing Director of the B.B.C.

THE Editor's unexpected request for a message for this first birthday number of *The Radio Times* reached me in my distant northern home, whither I had repaired with the excusable, even laudable, but comparatively futile intention of securing a brief respite from the cares of broadcasting.

When his telegram arrived—the sort of message which is less of a suggestion than of an intimation, and more of an instruction than either—my attention was occupied with that mysterious and deeply intriguing spectacle, the assembling of the swallows preparatory to their annual migration to warmer climes. I had witnessed this same performance in other years, and in the same locality. A neighbour's house, some little distance away, with a series of gables and convenient projections, had been their gathering ground. This year, however, the swallows had transferred their favour to my erstwhile abode. I think my conspicuous and highly-efficient twin aerial was the attraction.

In any event, there they were, one minute swinging and wheeling in hundreds above my head, and the next crowded in two lines along the wires, as many as could obtain foothold, and the others perched on posts, roofs, telephone wires, and all the adjacent trees. To-night as I look out they are with us. To-morrow I depart early for Savoy Hill, and it may be they will have disappeared in the night, leaving no straggler or late-comer in sight. There are mysteries here which we cannot fathom. I have never yet managed to attend on an actual departure: all I know is that whereas day after day, evening after evening, they were there, gathering and sporting in their fantastic flights, one morning they are gone, leaving us with the feeling of loneliness and of summer departed, but still with the sure and happy expectation of their return next year.

Much as I resented being disturbed in my reflections on the migration of swallows in

general, and on their selection of my aerial in particular, I should have been sorry to miss the opportunity of giving a word to the readers of this magazine at the end of its first year.

The Radio Times was not launched without considerable thought and investigation. Those who are acquainted with the problems, hopes, and fears which pertain to the start of a new paper will appreciate the mixed feelings with which we watched the earliest stage of the voyage. Would the venture be a success? We had not long to wait for the answer. The first issues were all sold out, and within a few weeks it was obvious that success was assured; to-day—its first anniversary—it is phenomenal.

It is perhaps not a novelty for a journal with a popular appeal to achieve a circulation running into six figures within a short period, but not many can point to a weekly tale of readers, within one year of the start, of 600,000—a circulation which is steadily increasing and will continue to increase as the fireside evenings become more attractive. There is little doubt that the number of wireless receiving-licences will grow largely in number this autumn and winter. New stations are being opened and the standard and interest of our programmes are being steadily increased; the circulation of this journal should grow almost *pari passu* with the licences.

Like most undertakings which have attained a considerable measure of success, *The Radio Times*, in its original conception, was a modest creature. It was to embody, in a handy and convenient form, the stations' programmes for one week. One realized that the listener would take an intelligent interest in the fare to be provided in the forthcoming week. It was realized, further, that, without such programmes in a handy form, items of a special character would be entirely missed by many listeners. But it was immediately evident that the bare programmes were not going to be sufficient.

(Continued overleaf in column 2.)

B.B.C. Plans for the Winter.

By Arthur R. Burrows, Director of Programmes.

SOME abused wireless; others blamed Wembley. Whatever may have been the cause, it is over. By the law of Great Britain and Ireland, and such other rain-soaked little islands as are pleased to be known as the United Kingdom, we have cast away from the long days of secondary depressions and primary thunderstorms and set sail in that period of dark nights and warm firesides formerly known as the winter months.

Let's call this period "Radio Time" and make the play to fit the bill.

Earlier Transmissions.

Radio Time will begin on Monday next, September 29th. From this day onwards, most programmes will begin half an hour earlier than is at present the case. Such midday transmissions as are given will continue at the present hour, but the afternoon transmissions and Children's Hour will be advanced thirty minutes. The evening programme of entertainment will immediately follow the informative talk succeeding the first News Bulletin. In all cases this programme will continue without a break until the second News Bulletin at 9.30. Then will come a second talk and a short light programme such as we hope will send the seekers of health, wealth, and wisdom to bed at 10.30 p.m.

As hardly any two of our Stations have exactly the same time-table—a seeming anomaly, but actually a product of local considerations—we would ask you to make a particular study this week of the timings for those Stations in which you are particularly interested. These will be adhered to as far as is practicable in the weeks to follow. Two facts only will not be instantly apparent and should be noted: (i) that on each Tuesday and Friday at least one provincial Station will continue to transmit for thirty minutes after the others have ceased; (ii) that one night in each week will be set apart by the Chelmsford high-power experimental Station for the transmission of a programme from a provincial studio.

Searching for Distant Stations.

Before discussing the make-up of the Radio Time programmes, let us explain the object of the two innovations just outlined. The late transmission on Tuesdays and Fridays is intended specially for experimenters and the possessors of multi-valve sets who derive pleasure in searching for, and listening to, distant stations. Aberdonians, living under the shadow of their local Station, will be able to search without hindrance for Bournemouth; the enthusiasts of South Wales for the transmissions of Glasgow and Newcastle; and the dwellers in the Metropolis for the activities of Cardiff and other stations working near the London wave-length. If any provincial Station does not appear in this roster of "late birds," the reason lies in lack of travelling facilities for staff and performers, and not for want of enterprise or enthusiasm. Those of us who live in London are apt to overlook the fact that our great productive centres hold distinct views on the hours of retirement, and that in Belfast the curfew rules the night.

Purely Experimental.

The Chelmsford transmissions of provincial performances—one per week—must be regarded as purely experimental affairs. In the early days they will be confined to four Stations whose timings are considered to be best suited to the work—Glasgow, Cardiff, Bournemouth and Birmingham. Other Stations will be introduced as the special technical problems are mastered.

A double purpose is served by occasionally having distinct programmes from Chelmsford and London. Not only will our engineers secure

such valuable data as can only be forthcoming through tests under true working conditions, but thousands in the Metropolis will be able to adjust their long-wave receivers for immunity from London's signals, a task which is difficult for the impractical when both Stations are transmitting the same programme.

In framing the programmes for the winter months we have striven to provide the greatest possible variety of entertainment. At the risk of exposing ourselves to criticism by those who cannot dissociate certain types of music from a set method of performance, we are endeavouring, as far as is reasonably possible, to provide at least two classes of entertainment each evening. When, for instance, we give an hour of serious music, we shall generally provide, as a set-off, an hour of humour or music of the light and tuneful order.

Tragedy and Comedy.

So with our plays, these will be chosen to provide contrast—just that balance of tragedy and comedy which makes for an ideal entertainment. Care is being taken to avoid as far as possible a too frequent recurrence of any one type of performance, but it may happen from time to time that circumstances over which we have no control—for instance, an opportunity at short notice for broadcasting a star performance from a concert hall or theatre—will upset our plans. Such a disturbance of our intentions will only be permitted when we are satisfied that the net result will be a definite gain for the majority of listeners.

Not only has our contract list been strengthened since last spring by the inclusion of such eminent artists as Norman Allin, John Coates, Herbert Heyner, Walter Hyde, William Marshall, Robert Radford, Albert Sammons, Harold Williams, Astra Desmond, Beatrice Harrison, Carmen Rill, Evelyn Howard Jones, Marian Lécotte, Beatrice Miranda, Irene Scharrer and Anne Thorsfeld, but we have made special arrangements for the broadcasting of a number of excerpts from the world-famed Hallé concerts at Manchester, and the perhaps less known, but highly attractive, performances of the Birmingham Municipal Orchestra.

More Symphony Concerts.

In December and the following winter months, we are also arranging a series of our own symphony concerts on a scale far surpassing last season's efforts. We have engaged the Royal Opera House, Covent Garden, for these performances (in which admission will be possible by ticket) and are expecting visits from some of Europe's most distinguished conductors.

Much has already been written about the new arrangements for our informative talks. An examination of the weekly programmes, Northern and Southern alike, will show that several of our most distinguished men and women have agreed to place their knowledge at the disposal of all classes. These speakers have been chosen for their ability to present their subject in an attractive manner and in simple language.

An Impression of Niagara.

Finally, on the lighter side of things, equally progressive programmes may be anticipated. Our search for more and better humour is yielding fruit. The concert parties are getting a firm grip on the new medium. Many interesting "stunts" are in course of preparation, including—if Nature permits—the broadcasting from America of a wireless impression of Niagara.

Do not expect us to tell you everything long in advance—that would spoil the fun. For the present we would ask you to book October 27th, and, if you happen to listen to "2LO," November 14th.

The Year and the Day.

(Continued from the previous page.)

Comments on the programmes and news of the Company's activities were obviously demanded. So the scope of the project was increased.

This journal of ours is, we consider, of the very greatest importance to the success of British broadcasting. It should be the connecting link between the broadcaster, individual or corporate, and the great listening public. It is so in great degree already, and by all the means in our power we shall endeavour to make it so in still greater degree. Certain limitations are imposed upon it, most of which we voluntarily accepted owing to the possibility of detriment to established journals which did not possess the fundamental and unique attraction of comprehensive programme publication.

But we do not wish to feel that the magazine is bought in such large numbers entirely on account of the programmes. This will naturally remain the paramount appeal, but that is not good enough. If the broadcast service is to attain the maximum efficiency, and the listener to reap the greatest benefit, it can only be secured through a considerable degree of intimacy and understanding between the two parties concerned in the undertaking.

It is disappointing alike to us and to you if special events are not recognized as they should be, and a little study of this paper will soon reveal what we have in our minds, and that things are done with a purpose and in a system, and with all the thoroughness and attention of which we are capable.

It will show also "the other side," and that a great many points of view have to be considered; it will indicate some of the difficulties which surround the whole conduct of the business, many of which are not apparent to the average man, but an appreciation of which would cause him to understand why things are done or not done, or done in a way of which he did not at first approve.

The *Radio Times* goes to every sort of home and is taken by every sort of individual. It cannot therefore be all to one man's taste. The embarrassments of the programme builder encompass also the Editor of this paper, but the same principles are applied by each in the combating of them.

Looking back over the course of *The Radio Times*, during the past year, while one is conscious of imperfections and of ambitions as yet unsatisfied, it is a legitimate reflection that, not only have we provided in great detail and in a pleasing form the full programmes of all our stations, main and relay, but we have compiled a journal of universal appeal and of no mean literary standard. *The Radio Times* has numbered among its contributors men and women of world-wide fame in many departments of life and endeavour.

As with our programmes, so with the literary and general appeal of *The Radio Times*; there is, and can be, no standing still. I review the past year's achievements in no spirit of complacency. I have already indicated that our ambitions in connection with *The Radio Times* outran our achievements. I hope it may always be so, for at the meeting place of ambition and achievement is to be found stagnation.

When the swallows return next year, the aerial and the roof and the trees will be the possessions of another man, but the birds will neither know nor care. Personalities of both owners of aereals and broadcasters are transient and ephemeral, the ideals and the achievements remain.

Official News and Views. GOSSIP ABOUT BROADCASTING.

"Army Reminiscences."

IT is doubtful whether any programme broadcast from the London Station has been so popular as the Rooster's "Army Reminiscences" programme given by them in collaboration with Mr. Dan Godfrey and the Wireless Orchestra some months ago. Hundreds of requests for a repeat performance have been received, and listeners may look forward to an even more attractive presentation of the same programme on Saturday, October 11th.

The Hallé Orchestra.

The interesting innovation in orchestral broadcasting during the coming season, when several of the concerts of the famous Hallé Orchestra will be distributed from the Manchester Station, is brought to mind by the fact that this well-known organization will give three concerts in a London hall during October and November under the conductorship of Mr. Hamilton Harty. The Hallé Orchestra was founded in 1857 by the late Sir Charles (then Mr.) Hallé, and made its first appearance at the Art Treasures Exhibition in Manchester in that year. So successful were the performances that Hallé was emboldened to start the series of concerts that ever since have not only been given in Manchester, but all over the North of England, Scotland, and Ireland. Hallé was succeeded by Dr. Hans Richter, and under his regime it is not too much to say that the Hallé Orchestra achieved a world-wide reputation, and Manchester became the Mecca of musicians.

In 1920 Mr. Hamilton Harty was appointed permanent and sole conductor and the reappearance of the Hallé Orchestra in London will be anticipated with the greatest pleasure.

The first Hallé Concert to be broadcast from Manchester will take place on October 15th, followed by another on October 30th. Concerts on November 13th and 27th and December 11th will also be broadcast. All these will be simultaneously broadcast from all our Stations.

Miss Irene Scharrer to Broadcast Chopin.

The visit of Irene Scharrer, the famous pianist, to the Birmingham Station on October 19th, is eagerly anticipated by a large number of listeners. Miss Scharrer has always been a great favourite with Birmingham audiences. She is giving on this occasion a Chopin recital, including the D Flat Nocturne, the E Minor Waltz, and three of the studies in A Flat, G Flat, and A Minor.

New Relay Station.

The Stoke-on-Trent Relay Station will be opened on October 15th.

Wireless Exhibition at Manchester.

From October 14th to October 25th a wireless exhibition is taking place in Manchester, under arrangements made by the Manchester Radio Scientific Society and the Manchester Evening Chronicle. Listeners in the Manchester area will hear bands relayed from the exhibition, and it is possible that the Manchester Station will arrange for an Inquiry Office to be opened in the exhibition for the reception of suggestions, inquiries and complaints regarding matters affecting the Station. There is every indication that the exhibition will turn out to be a great success, and should prove a strong stimulus to the local wireless trade.

A New Quartet.

At 10 p.m. on Tuesday, October 7th, the new "2LO" Instrumental Quartet will give their first performance. The instruments are violin, flute, harp, and organ, which will be played respectively by Mr. S. Kneale Kelley, deputy conductor under Mr. Dan Godfrey, of

the Wireless Orchestra; Mr. Frank Almgill, principal flautist in the same orchestra; Miss Sidonie Goussens, a harpist regularly taking part in the symphony programmes at "2LO"; and Mr. Edward Malkin, the greatest authority upon the Mustel organ and the one most able to demonstrate its many virtues in London to-day.

A "Merry and Bright" Evening.

At London on Friday, October 10th, a "Merry and Bright" evening will include songs by Sydney Coltham, who is probably the most popular ballad tenor, although his work in wireless programmes and elsewhere shows that he is extremely versatile and is as able to undertake an important rôle in opera or musical comedy as he can sing love songs; Mr. Leonard Hubbard, who will collaborate with him in two popular duets which are always much in request, "Watchman, What of the Night?" (Sarjeant) and "Awake" (Pellissier), and will also sing "straight" songs and at the end of the programme two jolly fox-trots with orchestral accompaniment; and Mr. George Tully, an entertainer new to wireless work, who gives a wonderful imitation of the humorous sketch in which an old American judge with his keen wit and drawling voice is the central figure. Mr. Tully takes all the characters himself.

"Old Favourites" at Cardiff.

There can be little doubt of the popularity of the old-time songs and tunes, as recent events have shown. The two London programmes of "Old Favourites" proved enormously successful, and a performance on similar lines at Cardiff a short time ago was received with equal approbation.

Cardiff Station is giving a further performance, under the title of "Sweet Lavender," on Tuesday.

Mr. E. Kay Robinson's Talks on Birds.

Listeners who have heard Mr. E. Kay Robinson's Nature Talks—and, indeed, all who are interested in Natural History—will be glad to know that on Tuesday, September 30th, he is to broadcast from London a talk on "British Birds." One of the birds that he will deal with specially is the starling, a picture of which is shown here. This bird is one of the most interesting that we have in Britain. Few are aware, for instance, that though it appears to be black, on closer inspection its plumage is seen to be shot with purple, green and a steel-blue. It is a bird well worthy of study, and if listeners will look at this picture while Mr. Kay Robinson is speaking, they will get an excellent idea of the starling and its habits.



THE STARLING.

From the British Museum (Natural History).

(Reproduced by permission of the Museum authorities.)

day, October 7th. This time an attempt is being made to revive the songs of fifty years ago with all their sweet sentimental associations. Mr. and Mrs. Trelove are sitting round the fire, looking through a volume of Tennyson's poems. A sprig of lavender—a tender glance—memories! The old couple draw together—the songs of the past—the scenes of long ago are recalled in the evening of their life.

"The Bohemian Girl" at Cardiff.

On Wednesday, October 8th, Cardiff Station is giving a performance of *The Bohemian Girl*, with an all-star cast including Gladys Nash, John Perry, and Joseph Farrington. *The Bohemian Girl* is one of Balfe's most popular operas, and has always been a warm favourite. The performance will be conducted by Mr. Warwick Braithwaite, the Cardiff Musical Director, who conducted the repeat performance of *The Days of Devon* at London Station recently.

"Sportmen All."

There should be cheery doings at "2LO" on the night of September 29th. With the atmosphere of an English country house of fine sporting traditions, a birthday dinner-party, and a dozen or so famous sportsmen round the table spinning yarns of old days and singing the famous old songs, there is an entertainment which should certainly make a wide appeal. Sir Theodore Cook, Editor of *The Field*, will be our host. The programme has been arranged by our Artistic Director, who was by way of being something of a notable sportsman in his younger days and so may be presumed to know what he is talking about.

Folk Songs and Folk Dances.

The series of seven lectures on Folk Songs and Folk Dances, which take place on alternate Wednesday evenings at 9.40 p.m., beginning on October 1st, will be given by the English Folk Dance Society from London. This Society, which was founded by the late Mr. Cecil Sharp in 1911, is spreading throughout England a knowledge of our songs and dances. Branches of the Society exist in many parts of the country and the movement is a growing and popular one. The lectures will be given by Mr. Douglas Kennedy. Miss Ethel Avril, the English Folk Dance Society's fiddler, will play the tunes with which the lectures will be illustrated.

The Uilleann Pipes.

Mr. E. L. O'Moaly, the celebrated Irish piper, will play his Uilleann pipes at the Belfast Station on Tuesday, September 30th. That evening the programme will be devoted to "Music of Ulster and elsewhere." This is the first time that the Uilleann pipes will have been broadcast in Great Britain. The Ulster Amateur Flute Band will also contribute to that evening's programme. The Flute Band, an unusual type of band, is very popular in Northern Ireland; there are about eighty flute bands in the City of Belfast alone. The Ulster Amateur Flute Band numbers thirty-five performers, who all—with the exception of drummers—play on the Boehm system of flutes. It has won numerous prizes in international and other contests. At a later date, Belfast hopes to broadcast the music of the well-known Argyle Flute Band.

"Elizabeth" at Birmingham.

The Birmingham Station promises an interesting feature on October 15th, in a performance of *Elizabeth*, the romantic opera composed by Aston Tyrrold to a libretto by A. Corbett-Smith. This charming, tuneful work was the first opera performed by the B.B.C.

Music and Your Mind.

By Sir Robert Armstrong-Jones, M.D.

MANY listeners, including myself, recently heard the music of Barmah and China (Hong Kong), as well as our own, broadcast from Wembley, and weird indeed was the Eastern production. China, and possibly Egypt, rejoice in the oldest music, that of the former being regarded long ago by Dr. Burney as closely analogous to that of Scottish tunes. He did not refer to the swirling of the bag-pipes, though he stated the Chinese were utterly incapable of producing anything entitled to the name of music; yet they claimed in their book of Odes to attain results only reached by the lyres of Orpheus and Amphion, results which made the rocks to dance and wild animals to leap for joy. Chinese music was evidently not made for English ears, for it was described by a former Commissioner of Enbaasay as more like the noise from myriads of cracked penny trumpets than an æsthetic musical production.

The Oldest Musicians.

The Egyptians were probably the oldest musicians, and Sir T. G. Wilkinson, in his "Manners and Customs of the Ancient Egyptians," stated that their music was traditional, i.e., handed down from memory so that the solemn hymns of the Egyptian harpists, whose harps are seen on the walls of their tombs, have passed away for ever from exact knowledge, unless "they be still vibrating and curling the waves of air on the verge of infinite space," or, indeed, unless—as is probable—they were preserved by the Hebrews from the period of their deliverance out of captivity as a part of their temple services, and that, in consequence, we are to-day listening in our own services to some of the harmonies of Miriam that had been taught to her and others by the tyrannical Pharaohs.

It may not be an extravagant supposition to think that the early Christians derived through the synagogue some of the melody of "their psalms, hymns and spiritual songs" from their Jewish brethren, who, in turn, had adopted them from the early Egyptians.

It is also not improbable, when the Christian Church first introduced the Psalms of the Old Testament into her services, that they were received with their tunes as well. However

this may be, the mythical origin of music dates still further back, viz., to the wind blowing over broken reeds as they stiffly stood up in the marshes and shallow river beds of Eastern lands from 3,000-6,000 B.C. The pipe of Pao sprang from this, and was probably the first flute; whilst the Æolian lyre (the parent of the harp and of all stringed instruments) originated from the sound of the wind blowing over dried sea-wood stretched on the primitive rocks.

At any rate, the art of music is very old; its first-fruit in song was originally offered on the altar of the Deity, and it has ever since been inseparably associated with religion. It was, and is, its most faithful ally, and it is to-day the most legitimate instrument of civilization. It appeals to the most highly evolutionized of all the special senses, for hearing is the sense that is responsible for speech and language, and it is hearing that has enabled us to profit from the traditions of the ages and so to arrive at our present state of progress.

Extremes of Emotion.

Music, like the mind which appreciates it, is a motion. We know the mind as a dynamic trend, as a running stream of consciousness. This is also the fundamental property of music, which, like an emotion, begins, develops and ends; and, like an emotion, it is never long on the same level. It has velocity and its "pitch" varies accordingly.

An emotion like the musical notes in the scale also has its elations and its depressions. It also, like music, has intensity, which varies—as we all know in the region of feeling—from the soft emotions of love and tenderness to extremes of rage and fury, corresponding again to the musical crescendo and diminuendo.

Lastly, an emotion has its own special timbre or quality; hope, fear, love, grief, joy, anger and disgust all depend on the mental temperament of the individual, as does that of music upon the molecular constitution of the instrument, and the nature of the vibrations transmitted to the air—whether by reed, string, wood or metal. Thus, music and an emotion are analogous, and they have a fundamental co-existence in nervous matter.

The Radio Exhibition.

THE All-British Wireless Exhibition organized by the National Association of Radio Manufacturers will be opened at the Royal Albert Hall on Saturday, September 27th, by Lord Riddell.

The Exhibition will continue until October 8th, and will be open to the public from 10.30 a.m. to 10 p.m.

Those who visit the Exhibition will gain some idea of the present size of the British Wireless Industry and perhaps a suggestion of what it might yet become in the near future.

Britain on Top.

When it is remembered that there are now almost a million licences issued, it is some indication of the huge industry which has been built upon the foundations of wireless science. It constitutes, too, proof that British enterprise is as keen to-day and as forcible as ever it was.

British wireless products are now acknowledged to be the best in the world. Those who visit the Exhibition with any doubt of this will leave with the certain conclusion that this is no over-statement of fact. At the same time, anyone who goes to the Exhibition with the idea that they will see nothing but revolutionary

improvements may suffer some disappointment.

Science can make wonderful haste in adapting itself to practical application, but once this state has been reached it invariably settles down into a gait of steady progress. This has been so in every new and important movement, including flying, telegraphy, automobilism, and other developments of like kind.

The Albert Hall Wireless Exhibition will satisfy every visitor that the standard of manufacture and the results in the standard of purity of reception have been considerably raised during the past year.

The "2LO" Military Band, conducted by Mr. Dan Godfrey, Jun., will play every afternoon and evening during the Exhibition. The music played by this band will be broadcast during the evenings of Saturday, September 27th and Saturday, October 4th, from 7.30 p.m. to 9.30, as well as during the evening of Tuesday, October 7th. A special stand has been erected for the band near the huge organ in the Hall.

The wireless apparatus of a new Zeppelin bought by the U.S. Government is said to have a telegraphic radius of more than 500 miles and a telephonic radius of 300 miles.

Scoffers Converted!

The Triumph of "Sparks."

WHEN signalling by wireless was first accomplished, there were many people who, if they did not totally disbelieve the fact, said that wireless communication would never be of much practical value. These, however, were soon silenced when a commercial transatlantic service was established. Messages sent "via wireless" cost less than those "via cable"—a most potent factor, which carried more weight than any argument.

The Navy and Army were quick to realize the valuable asset they had in wireless, and at a very short time it was a recognized branch of both services. The Merchant Marine, however, ever strictly conservative in its attitude towards new ideas, treated the latest arrival with considerable distrust. This, perhaps, was not surprising, as at that time, and even to-day, there are officers and men in the Merchant Service who look upon steam as a method of propulsion with more than a little scepticism. They say of it, as they say of wireless, "We sailed ships without it, and could do now."

The "Old Salts."

There is not an operator at sea to-day who has not heard those words many times. It is quite useless to argue increased efficiency.

After the sinking of the *Republic* and *Titanic*, when wireless amply demonstrated its usefulness, some of the "old salts" began to think there might be something in it after all. That wireless helped them considerably during the War, most of them would grudgingly agree; but that it could be of use to other than the larger passenger boats in times of peace they would not for one minute admit. It was, in fact, predicted by many that in 1922 no cargo steamers would be equipped with such a useless (!) encumbrance as wireless.

These same sceptics in 1924 are heartily glad that their prophecy has failed to materialize. Why? The answer may be found in the following scene, true of many a cargo ship arriving in a home port anywhere since broadcasting started:—

The captain and several of the officers have their wives aboard. During dinner they have been telling "Sparks" (the wireless operator) just how useless wireless is to them, that it can't last, etc.—a favourite pastime when other topics fail. About 8 p.m. the second officer drops into the wireless-room for a chat. Happening to put on the phones, he hears some music. "By Jove!" he exclaims. "I must tell the 'old man' about this."

"Marvellous."

Half an hour has not elapsed before the wireless-room is crammed to bursting point, all the available telephones have been split up, and each person has a single earpiece jammed to his, or her, head, while the operator looks on with the air of one who has longed for this day but never expected to see his hopes so fully realized.

Not a sound is heard; the air grows thick with tobacco smoke. At 9.30, a steward enters with supper; a cup rattles; the "old man" glares at the intruder with intense fury. The steward fades away, and wonders with his shipmates what everyone is doing up there, instead of being ashore.

At 11 p.m. the local broadcasting station closes down, the captain breaks the silence with "Marvellous, marvellous! I always said there was a great future for wireless. I wonder how much one of these gadgets cost?"

F. A. COBB.

STREET fatalities are so numerous in Austria that the police are now provided with motor-cars fitted with wireless for chasing reckless motorists.

EVENTS OF THE WEEK.

SUNDAY, September 28th.
LONDON, 3.0.—The J. B. Squire Celeste Octet.
8.0.—The Oratorio "Elijah" (Mendelssohn). S.B. to Glasgow.
BOURNEMOUTH, 8.55.—The Sacred Cantata, "The Holy City." (A. R. Gaul.)
NEWCASTLE, 9.15.—Some Chamber Music.
GLASGOW, 3.0.—Symphony Concert.
ABERDEEN, 3.0.—Bach-Mendelssohn-Handel Programme.

MONDAY, September 29th.
ALL STATIONS (except Belfast).—7.30. "Sportsmen All."

TUESDAY, September 30th.
LONDON, 7.30.—Ballet Music (Pavlova Season). Relayed from Covent Garden. Part S.B. to other Stations.
BOURNEMOUTH, 7.30.—Municipal Orchestra Night. Conductor: Sir Dan Godfrey.
CARDIFF, 7.30.—An Hour with Easthope Martin.
ABERDEEN, 7.30.—French Composers' Night.
BELFAST, 7.30.—Ulster Night.

WEDNESDAY, October 1st.
LONDON, 7.30.—Chamber Music Evening.
BIRMINGHAM, 7.30.—Symphony Concert. Conducted by Percy Pitt.
BOURNEMOUTH, 7.30.—From Overseas.
MANCHESTER, 7.30.—Morning, Noon, and Night.
BELFAST, 7.30.—Symphony Concert.

THURSDAY, October 2nd.
ALL STATIONS (except Belfast).—7.30. "The Immortal Hour" (Rutland Boughton).
BELFAST, 7.30.—"Shakespeare's Night."

FRIDAY, October 3rd.
LONDON, 5.0.—Half-an-Hour at the Zoo. S.B. to all Stations except Belfast.
CARDIFF, 7.30.—"The Freedom of a Mountaineer."
GLASGOW, 7.45.—"A Night with the Romans."

SATURDAY, October 4th.
BIRMINGHAM, 7.30.—"Cato" (T. W. Robertson). A Comedy in Three Acts.

MIXED NEWS BY RADIO.

A PROFESSOR of astronomy is of the opinion that New York is an unsafe place to live in. According to the *Nautical Gazette*, of New York, "he contends that there is something defective about the rocks which form the foundation for the skyscrapers of Manhattan, and that the tremendous weight piled on the island will prove too much for it, with the result that some day New York will be wrecked by an earthquake beside which the Japanese disaster will pale into insignificance. These ideas may have something in them, and again they may not, but the point of it all is that the professor announced his opinions in front of a microphone."

An Italian liner was somewhere in the Atlantic on her way to New York, and, of course, she had a radio receiving set on board. The radio operator, evidently an Italian, got the story slightly mixed, and the announcement was made to the passengers that an earthquake had swept New York out of existence and that the famous skyline was no more. The passengers passed a feverish time until the pilot came on board. They nearly mobbed him in their anxiety for further details, and he had difficulty in convincing them that business was going on as usual in New York."

Owing to pressure on our space *Listeners' Letters* are unavoidably held over this week.

PEOPLE IN THE PROGRAMMES

A Clever Flautist.

IT is not often that a woman attains success as a flute player, but Miss Edith Penville, who is to play at London Station on September 28th, is an expert on that instrument.

She has been before the public as a soloist from quite an early age, becoming better known in London after winning a scholarship at the Royal Academy of Music.

Amongst her pleasantest recollections Miss Penville recalls the kindly appreciation of her talent by the late Hans Richter. The famous conductor congratulated her on her performance of a work by his friend Doppler, the Hungarian flautist and composer.

Miss Penville has also been heard in most of the principal towns of Great Britain and Ireland, and she toured as soloist with Mme. Tetrazzini. She has also appeared at the Promenade Concerts with Sir Henry Wood's orchestra.

In "The Immortal Hour."

ON Thursday, October 2nd, when Mr. Rutland Boughton's *Immortal Hour* is broadcast, the leading part of Etain will be played by Miss Elsie Suddaby.

Miss Suddaby was one of the first sopranos to broadcast from the old Manchester Station, although she was originally intended for a pianist. Singing, however, appealed to her more, and she soon became well known as a vocalist.

She has sung with the leading choral societies, and has appeared at the Kendal and Leeds Festivals.

They Don't Speak Now!

MISS SUDDABY tells an amusing story of a certain vain singer who was boasting of her fame in another vocalist.

"Do you know," she said, "I was offered £500 a week to stay in New York."

"Really?" replied the other, sweetly; "and was the offer made in London or America?"

Talks On Egypt.

BEGINNING in October, an important series of six talks on Egypt will be given at Aberdeen Station by Colonel the Reverend James Smith, T.D., who is one of the best-known ministers in the North of Scotland. As a clergyman, he has been naturally interested in Egypt, and has made a special study of its history. His first visit there took place in 1894, when Lord Kitchener was Sirial of the Egyptian Army. While there, he made himself intimately acquainted with the antiquities, ethnographic, geographic, religious, and racial.

Colonel Smith is an authorized lecturer for the Egyptian Exploration Fund, for which he has done much service in spreading interest in that fascinating land.

The Boy Knew Best.

A VOCALIST who often sings at Manchester is Mr. Harold Derbyshire. Originally intended for the scholastic profession, he later thought that business had a greater call. He then decided to enter the singing profession some five or six years ago, and trained under Mr. Fred Royle, of Manchester and London.

Mr. Derbyshire relates a funny story about a school inspector who was testing a class in arithmetic.

"Suppose," he said to one boy, "I lent your father £10 on the understanding that he paid me back £1 a month. How much would he owe me at the end of six months?"

"Ten pounds," replied the boy, promptly.

"But, my boy," said the inspector, "I'm afraid you don't know very much about arithmetic."

"Yes I do," answered the lad, "but I'm afraid you don't know very much about my father."



(1) Miss Edith Penville; (2) Miss Elsie Suddaby; (3) Col. the Rev. James Smith; (4) Mr. Harold Derbyshire; (5) Messrs. A. E. Nickolds and Albert H. Howe.

"Doubles."

IT is said that everyone has a "double," but it is not given to every person to meet his or her "double" in real life. Perhaps one of the strangest coincidences in this connection is the case of Mr. A. E. Nickolds and Mr. Albert H. Howe, who are very popular with listeners.

Mr. Nickolds has been well known to London and provincial audiences for a long time as an entertainer at the piano and zither-banjo virtuoso. Mr. Howe was for many years a popular humorist and baritone in the West of England, and later a recruit to the London concert platform. Both are entertainers at the piano, both raconteurs, both lyric writers, and both composers. Most remarkable of all, their facial resemblance is bewildering even to their friends.

Practical Jokers.

THEY are confirmed practical jokers and delight in confounding their audiences by mixing themselves up in a way that makes it impossible to distinguish which is which. A favourite trick is for Mr. Nickolds to play a banjo solo, retire to the wings with his accompanist, Mr. Howe, thrust the banjo into the hands of the latter, who coolly walks on and takes the applause, and the audience is none the wiser.

Of course, the instrument again changes hands in the wings before the encore is played. But one sad evening the biter was bit, Mr. Nickolds slipped away and left Mr. Howe to carry on. The audience was impatient, and poor Mr. Howe was faced with the task of playing the encore piece. As a matter of fact, he cannot play "The Blue Bells of Loch Lomond," but—he tried!

The result was painful, but still the audience did not suspect, and finally the banjoist had to appear and play in order to preserve his reputation, which had suffered rather badly at the hands of his partner.

WIRELESS PROGRAMME—SUNDAY (Sept. 28th.)

The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

3.0.—Time Signal from Big Ben.
Programme S.B. to Newcastle.
THE J. H. SQUIRE CELESTE OCTET.
Under the Leadership of
MAYER GORDON.
ALICE TOOTHILL (Contralto).
LEONARD GOWINGS (Tenor).
EDITH PENVILLE (Solo Flute).

The Octet.

Overture, "Rienzi" Wagner

Contralto Songs.

"O Love From Thy Power" ("Samson and Delilah") *Saint-Saëns*

Five Eyes *Armstrong Gibbs*

Violin Solos.

"Caprice Viennois" *Berlioz*

"Les Mondes des Latins" *Bolton*

Tenor Songs.

"To Daisies" *Quilter* (1)

"My Lovely Celia" *arr. Louis Wilson* (1)

"So Fair a Flower" *Hermann Lohr*

Flute Solos.

Rosemelle *Catherine*

Variations on a Theme by Mozart.

..... *Egonardo Hahn*

The Octet.

Two Arrangements for Muted Strings:

(a) "Träumerei" *Schumann*

(b) "The Bee" *Schubert*

Four Movements from "The Nutcracker Suite" *Tchaikovsky*

(1) Overture Miniature; (2) Danse des Mirisims; (3) Danse de la Fée Dragée (with Celeste Obligato); (4) Valse des Fleurs.

Contralto Songs.

Creation's Hymn *Beethoven* (1)

"Charming Chime" *German* (1)

"Dashing Away With a Smoothing Iron" *arr. C. Sharp* (1)

Violin, Violoncello and Piano.

Finale from Trio in D Minor *Mendelssohn*

Flute Solos.

Romance *Collier*

Rondo Capriccioso *De Jong-Pearce*

The Octet.

Hungarian Rhapsody No. 14 *Liszt*

Tenor Songs.

"Phyllis Has Such Charming Graces" *arr. Louis Wilson* (2)

"Gather Ye Rosebuds" *Sanderson*

"The Road That Leads to You" *Gersh*

The Octet.

Selection of London Round's Songs.

..... *Ortlund* (3)

Announcer: J. G. Broadbent.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

8.0. "ELIJAH" (II).
(Mendelssohn.)
An Oratorio.
S.B. to Glasgow.

The words selected from the Old Testament.

DOROTHY SILK.

DOROTHY CLARK.

SPENCER THOMAS.

HEX PALMER.

THE WIRELESS ORCHESTRA AND CHORUS.

Conducted by DAN GODFREY, Junr.

9.0 (Approx.)—The Rev. FATHER BAMP-
TON, S. J., Church of the Immaculate
Conception, Fawn Street: Religious Ad-
dress.

9.15.—"ELIJAH" (Continued).

10.0.—TIME SIGNAL FROM GREEN-
WICH. WEATHER FORECAST and
GENERAL NEWS BULLETIN. S.B.
to all Stations. Local News.

10.15.—Close down.

Announcer: C. A. Lewis.

BIRMINGHAM.

2.0-5.0. THE STATION PIANO QUINTET:
FRANK CANTELL (1st Violin).
ELISE STELL (2nd Violin).
ARTHUR KENNEDY (Viola).

LEONARD DENNIS (Violoncello).
NIGEL DALLAWAY (Pianoforte).
ALICE VAUGHAN (Contralto).
DAVID HAMILTON (Dramatic Recital).

Quintet.
Overture, "The King's Lieutenant," Fair (1)
Selections, "On Ballo in Marchers" *Fred. Taron*

Songs.

"Deep Is My Soul" *arr. Kenyon Vaughan*

Lullaby *arr. Kenyon Vaughan*

(Accompanied by the Composer.)

Quintet.

Suite, "From the Samson Isles" *Gersh* (1)

(1) By Coral Reef and Sandy Palm; (2) Savail Love Song; (3) Festal Dance.

Dramatic Recital.

"Soliloquy on a Pipe" *Chapin* (13)

"The Hardy Gurdy Man" *Jordan* (13)

Quintet.

Melodie in E *Bachmann*

"Gipsy Lullaby" *Percy*

Songs.

"The Early Morning" *Peel*

"Almond, Wild Almond" *Peel*

Dramatic Recital.

Knee *Gordon*

Songs.

"Dream Valley" *Quilter* (1)

"Pain Would I Change" *Quilter* (1)

Quintet.

Suite Lyrique *Tchaikovsky*

(1) Canto appassionato; (2) Canto Lirico;

(3) Canto Elegiaco; (4) Canto d'Amore;

(5) Andante Cantabile.

Announcer: J. C. S. Paterson.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

8.0. Religious Service conducted by
The Rev. G. D. ROSENTHAL,
Relayed from St. Agatha's Church, Spoth-
brook.

Symphony Programme.

THE STATION SYMPHONY
ORCHESTRA.

Conducted by JOSEPH LEWIS.

GEOFFREY DAMS (Tenor).

ELISE STELL (Solo Violin).

8.30. Overture, "Lancelotti" *Kremer*

Symphony No. 5 in C Minor *Beethoven*

Songs.

"Love's Philosophy" *Quilter* (1)

"If Slender Lilies Wandered Farth" *Wagner*

"Even As a Lovely Flower" *Quilter*

"Milkmaid Song" *Thompson* (14)

"Annabel Lee" *Shaw*

Violin Solo.

Romance in A Minor *Bruch*

Orchestra.

March Imperial (pro Patria) *Boris* (11)

10.0.—WEATHER FORECAST AND NEWS.

S.B. from London. Local News.

10.15.—Close down.

Announcer: Percy Edgar.

BOURNEMOUTH.

REGINALD S. MOUNT (Solo Violin).

DENNIS NOBLE (Baritone).

3.0. Reginald S. Mount.

"Adagio from Sonata in G Minor" *Bach*

"Adagio and Allegro" *Carulli*

Dennis Noble.

"Go, Lovely Rose" *Quilter*

"Passing By" *Patrol*

"The Late Player" *Atkinson*

Reginald S. Mount.

"Romance" *Scriabin*

Dennis Noble.

"The Hall" *Crompton*

"The Chapel" *Crompton*

"The Most" *Crompton*

Reginald S. Mount.

"Violon" *Draft*

"Mazurka Reizika" *Draft*

3.50. Dennis Noble.
"Thus Saith The Lord" *Humb* (11)
"But Who May Abide?" *Humb* (11)
"For He Is Like" *Humb* (11)

4.0. THE ROYAL BATH HOTEL
ORCHESTRA.

Relayed from King's Hall Rooms,
Musical Director: DAVID S. LIPP.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

8.30.—Choir of Rosebery Park Baptist Church;
Choirmaster, John Warner, Hymn No. 73,
Baptist Church Hymnal—"Eternal
Light."

8.35.—The Rev. J. GRIEG DOUGLAS: Relig-
ious Address.

8.45.—Choir: Anthem, "Come, Let us Re-
turn Unto The Lord" *Dr. Goss*

Hymn, "When I Survey The Wondrous
Cross" (No. 115, Baptist Church
Hymnal).

"THE HOLY CITY."

A Sacred Cantata by A. R. Goss.

WINIFRED ASCOTT (Soprano).

GLADYS JAMES (Mezzo-Soprano).

BERT BREWIN (Tenor).

HERBERT SMITH (Bass-Baritone).

JESSIE REED (Contralto).

THE "68M" CHOIR.

THE WIRELESS ORCHESTRA.

Conducted by

Capt. W. A. FEATHERSTONE.

6.55.—I.—Introduction (Instrumental).

Chorus *100*

Tenor Solo *100*

Quintet *100*

Chorus *100*

Tenor Air, "My Soul Is Affixed For
God."

Trio (unaccompanied), Soprano, Mezzo-
Soprano and Contralto, "At Evening
It Shall Be Light."

Chorus, "They That Saw in Tears."

Contralto Air, "Eye Hath Not Seen."

Chorus, "For These, O Dear, Dear
Country."

Chorus, "Thine Is The Kingdom."

II.—Intermezzo (Instrumental).

Bass Air, "A New Heaven and a New
Earth."

Choral Sanctus, "Holy, Holy, Holy."

Chorus for a double Choir, "Let the
Heavens Rejoice."

Tenor Air, "To the Lord Our God."

Contralto Air, "Come Ye Blessed of My
Father."

Semi-Chorus (unaccompanied), "The Fin-
ing Pat is for Silver."

Soprano Air, "These Are They Which
Came Out of Great Tribulation."

Duet (Soprano and Contralto), "They
Shall Hunger No More."

Quartet and Chorus, "Lift! The Chevalier
Host."

Bass Solo, "And I Heard the Voice of
Harpers."

Chorus and Quartet, "Great and Marvel-
lous Are Thy Works, Lord God."

10.0.—WEATHER FORECAST AND NEWS.

S.B. from London. Local News.

10.15.—Close down.

Announcer: John H. Raymond.

CARDIFF.

3.0-4.30. BLODWEN CAERLEON
(Mezzo-Contralto).

THE STATION ORCHESTRA.

Conductor, WARWICK BRAITHWAITE.

I.—Orchestra.

Overture, "The Naiads" *Steculde Bennett*

"St. Agnes Eve" *Calderidge-Taylor*

II.—Orchestra.

"Judex" (from *Notre-Dame de Paris*) *Gounod* (11)

10.20.—Major STANLEY HOW: Excerpts
from the Poems of William Morris.

10.45.—Close down.

Announcer: John H. Raymond.

A number against a musical item indicates the name
of its publisher. A key list of publishers will be found on
page 15.

WIRELESS PROGRAMME—SUNDAY (Sept. 28th.)

The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

- II. "Blodwen Caeleion" *Blodwen Caeleion*
 "The Easter Carol" *Martin Shaw* (S)
 "The Cloths of Heaven" *Dunkell* (14)
 "A Joyous Serenade" *Cecil Moon*
 III. Orchestra.
 "Two Symphonic Dances" *Gregg*
 IV. *Blodwen Caeleion*.
 Welsh Folk Songs, arr. J. Lloyd Williams and Arthur Somervell
 Orchestra.
 V. Suite Postique *Bloch*
 VI. *Blodwen Caeleion*.
 "Sapphic Ode" *Bach*
 "Agony Dei" *Bach*
 VII. Orchestra.
 "La Verberne" *Laroux*
 Announcer: A. H. Goddard.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

- 5.10.—The Choir of South Park Presbyterian Church.
 Hymn, "I To The Hills Will Lift Mine Eyes" (Scottish Psalm).
 Anthem, "Happy Art Thou, O Israel."
 The Rev. J. R. COATES, B.A., of South Park Presbyterian Church, will give the fourth of the Weekly Talks on "Spiritual Energies of Daily Life." His subject is "Confidence."
 Hymn, "A Scottish Protection I Have"
 Tenor.

5.40.—"Memories, Images and Precious Thoughts."

- EDITH GUNTER (Soprano).
 FELICE HYDE (Contralto).
 F. HARRINGTON (Baritone).
 THE STATION ORCHESTRA.
 Conductor, WARWICK BRAITHWAITE.
 I. Orchestra.
 Overture, "Ray Blas" *Mendelssohn*
 II. F. Harrington.
 "My Dreams" *Tosti*
 "Angels Guard These" *Godard*
 "The Little Grey Home in the West"
 Lohr
 III. Orchestra.
 "Lohengrin" *Wagner*
 IV. F. Harrington.
 Songs, Selected.
 V. Orchestra.
 Selection, "Martina" *Walker*
 VI. Felice Hyde.
 "Land of Hope and Glory" *Elgar* (1)
 "Albion With Me" *Liddle* (1)
 VII. Orchestra.
 "In a Monastery Garden" *Kytley* (3)
 VIII. Edith Gunter. Songs, Selected.
 IX. Orchestra.
 Overture, "The Merry Wives of Windsor"
 ... *Shelley*

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—Close down.
 Announcer: E. R. Appleton.

MANCHESTER.

- SYBIL GORDON (Mezzo Contralto).
 DOROTHY ROBINSON (Solo Pianoforte).
 ARTHUR JOHNSON (Violin and Tenor).
 3.0. Solo Pianoforte.
 "Prelude in B Flat" *Chopin*
 "Polonaise in A Flat" *Tenor*
 "Where'er You Walk" *Handel* (11)
 "Gaily Gaily" ("Der Freischütz") *Wagner*
 Solo Violin.
 "Romance in E" *Bethoven*
 "Mazurka" *Porpora-Kreisler*
 Solo Pianoforte.
 "Dance of the Gnomes" *Liszt*
 "Hungarian Rhapsody" No. 8 *Liszt*
 Tenor.
 "Ask If You Damsel Rose Be Sweet"
 ... *Handel*
 2.45.—Mr. S. FOWLER WRIGHT on "Living Poets of Manchester."

- 4.15. Solo Violin.
 "Andante in E Minor" *Elyot*
 "La Capricieuse" *Monteverdi*
 Solo Pianoforte.
 "Caprice Espagnol" *Monteverdi*
 Tenor.
 "Be Thou Faithful Unto Death"
 ... *Mendelssohn* (11)
 Mezzo Contralto.
 "Sylvia" *Sinding*
 "Fugitiveness" *Hildrich*
 "Spring"
 Violin Solos, Selected.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

- 7.30-9.0. "2ZY" ORCHESTRA.
 HAMEFORD NEWTON (Baritone).
 Orchestra.
 "Carnation March" *Edenberry*
 Overture, "Don Giovanni" *Mozart*
 "A Children's Suite" *Ansell*
 "Schon Rosmarin" *Kreisler*
 Ballet Music, "Scilian Vespers" *Fritz*
 Baritone.
 "The Trumpet Shall Sound" ("The Messiah") *Handel* (11)
 Orchestra.
 Suite, "Stars of the Desert"
 ... *Woodforde-Pinder* (1)
 "Maid of Artois" *Elyot*
 Selection, "Overture" *Weber-Hubert*
 Suite, "Othello" *Colville-Taylor*
 Baritone.

9.10. "Is Not His Word Like a Fire" ("Elijah")
 ... *Mendelssohn* (11)

SIDNEY G. HONEY: Talk to Young People.

- 9.50.—Hymn, "O What the Joy and the Glory Must Be" (A. and M. 255).
 The Rev. Monsignor GONNE, of St. Bede's College: Religious Address.
 Hymn, "The Radiant Morn Hath Passed Away" (A. and M. 191)

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—Close down.
 Announcer: H. B. Bryant.

NEWCASTLE.

5.0-5.0.—Programme S.B. from London.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

8.20. Relay of Speeches from the Town Hall on the Occasion of the Opening of THE COPEC CONFERENCE.

Issue of the Week.

- BAINTON WALL, PUCHS TRIO.
 EDGAR L. BAINTON (Piano).
 ALFRED M. WALL (Violin).
 CARL PUCHS (Cello).

9.15.—Trio in D Minor *Schumann*
 Trio in G Minor *Waltham*

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—Trio in D Minor *Berthorn*
 10.30.—Close down.
 Announcer: E. Lynch Odlum.

WAVE-LENGTHS AND CALL-SIGNS.

ABERDEEN (2BD)	495 Metres
BIRMINGHAM (5IT)	475 "
GLASGOW (5SC)	420 "
NEWCASTLE (5NO)	400 "
BOURNEMOUTH (6BM)	385 "
MANCHESTER (2ZY)	375 "
LONDON (2LO)	365 "
CARDIFF (5WA)	351 "
NOTTINGHAM (5NC)	340 "
PLYMOUTH (6PY)	335 "
EDINBURGH (2EH)	325 "
LIVERPOOL (6LV)	315 "
SHEFFIELD (6FL)	301 "
LEEDS	345 "
BRADFORD (2LS)	310 "
HULL (6KH)	320 "
BELFAST (2BE)	—

ABERDEEN.

Bach—Mendelssohn—Handel.

- MAUD PENNINGTON (Soprano).
 LAWRENCE MACAULAY (Baritone).
 ALEX. SIMPSON } (Pianoforte)
 MARIE SUTHERLAND }
 THE WIRELESS ORCHESTRA

3.0. "Suite in B Minor for Flute and Strings"
 ... *Bach*

Maud Pennington.
 "My Heart Ever Faithful" *Bach* (11)

"Come, Sweetest Death" *Bach*
 Lawrence Macaulay.

"Song of Pan" *Bach* (11)
 "Standet Now, Ye Weary Eyes" *Bach*
 Orchestra.

"Concerto in C Minor for Two Pianos and Strings"
 ... *Bach*

Maud Pennington.
 Songs, Selected.

4.0. Lawrence Macaulay.
 Songs, Selected.
 Orchestra.

Overture in C *Mendelssohn*
 Maud Pennington.

"Angels Ever Bright and Fair" *Handel* (11)
 "I Will Sing of Thy Great Mercy"
 ... *Mendelssohn* (11)

Lawrence Macaulay.
 Songs, Selected.

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

5.30. Service relayed from North United Free Church.
 Minister: The Rev. J. PRINGLE SCOTT,
 St. Clements U.F. Church.

9.50. Orchestra.
 Symphonic Poem "Phaeton" *Saint-Saens*
 Prelude, "L'Après-midi d'un Faune"
 ... *Debussy*

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15. Orchestra.
 "How Lovely Are The Messengers"
 ... *Mendelssohn* (11)

12.20.—Close down.
 Announcer: Neil McLean.

GLASGOW.

Symphony Concert.

- LIDDELL PEDDIESSON (Tenor).
 THE STATION ORCHESTRA.
 Conducted by
 HERBERT A. CAHILLIERS.

3.0. Orchestra.
 Overture, "Marriage of Figaro" *Mozart*
 Symphony, "Antar" *Elgar*
 Liddell Peddiesson.

3.40. "Come, Kindly Death" *J. S. Bach* (11)
 "Elegie" *Mendelssohn*

3.55. Orchestra.
 "Capriccio Italien" *Tchaikovsky*

4.15. Liddell Peddiesson.
 "Let Up Your Heads on High" *J. S. Bach*
 "Ombra mai fu" *Handel* (11)
 "Amarilli" *Corvino*
 "Per La Gloria" *Bononcini*

4.27. Orchestra.
 Suite No. 1, "L'Arlesienne" *Bizet*
 Forest March of a Marionette *Gounod*

5.0-5.30.—CHILDREN'S CORNER. S.B. from Aberdeen.

5.0. "ELIJAH" (Mendelssohn), S.B. from London.

9.0 (approx.)—The Rev. GEORGE H. C. MACGREGOR, M.A., of St. John's and Beakfield U.F. Church: Religious Address.

9.15.—"ELIJAH" (Continued).

10.0.—WEATHER FORECAST and NEWS. S.B. from London. Local News.

10.15.—Close down.
 Announcer: H. Elina Kingsley.

A number against a musical term indicates the name of its publisher. A key list of publishers will be found on page 15.

THE CHILDREN'S CORNER.

CONDUCTED BY
THE UNCLES

Adventures at the South Pole. By Herbert Parker.

HULLO, children!

Have you ever thought what a life of great adventure it must be to be an explorer? How fine to go forth with gallant comrades into the unknown parts of the world, and battle with Nature to wrest from her secrets for the benefit of the world?

Every boy and girl at some time must envy those who have done the things they dream of, and the dream of adventure is shared by all. Those who can listen to the story which will be told by "Uncle Donald" from the London Station during the six Children's Hours beginning on Monday, September 29th, will be thrilled by the wonderful adventure of Captain R. F. Scott, R.N., and his heroic comrades to the South Pole Expedition made in 1911. It was during that expedition that the gallant Captain met his death. No young person can read the last words in his diary, found upon his body at the South Pole many months later, without being inspired by the dauntless valour of such heroes.

Facing Death With Courage.

Facing death with a fortitude as great as has ever been known, on a spot which only he and his few comrades had ever conquered, he wrote in the last moments of his life: "We took risks, we knew we took them; things have come out against us, and, therefore, we have no cause for complaint, but bow to the will of Providence, determined still to do our best to the last. But if we have been willing to give our lives to this enterprise, which is for the honour of our country, I appeal to our countrymen to see that those who depend on us are properly cared for."

"Had we lived, I should have had a tale to

tell of the hardship and endurance, and the courage of my companions, which would have scared the heart of every Englishman."

The story of the experiences of that expedition in the Antarctic is told by Mr. Herbert G. Ponting in his book, "The Great White South" (Duckworth and Co., price 7s. 6d.), as well as by his film of the Expedition, "The Great White

creatures to molest them. Consequently, never having seen human beings before, they have no fear of them.

Mr. Ponting has said that "their only foes are in the sea, the dreaded 'killer' whales, which prey upon them. The 'killer' whale is the fiercest creature that inhabits the ocean. It is a toothed whale, and it is known to whalers as 'the wolf of the seas' because of its ferocious habits. 'Killer' whales are mostly about 30ft. in length, and their jaws are furnished with a terrible array of teeth. Even the largest whales are not immune from their attacks. 'Killer' whales prey upon seals, which frequently they catch by making an organized attack upon them, while the seals are sleeping on the ice. The 'killers' heave their backs up against the ice from below, and thus break it and get the seals into the water.

A Narrow Escape.

"Once I very narrowly escaped with my life from such an attack when I was on the ice. (The whales, eight in number, broke up the ice for nearly twenty yards around me. Fortunately, I was not precipitated into the sea, or my Antarctic experiences would have ended then and there. I just managed to keep my footing on the raft of ice on which I was isolated, and as the whales attacked me, I jumped from floe to floe, with the whales turning over the ice-blocks close at my heels, and I managed to reach firm ice in safety."

Interesting as are the seals and whales, the penguins are still more so. The Adélie penguins of the Antarctic seas are the most comical creatures imaginable. They are far funnier than the "warty" water penguins in our Zoo. They have a comedian-like look and walk, and their habits are as comical as their appearance and deportment. They are the Charlie Chaplins of the Far South.

Mr. Ponting had to take great pains with his camera, for rotating parts are apt to freeze in Antarctic temperature. He had constantly to be on the watch lest his lenses should get frosted over, and his developing was only done successfully by taking infinite pains. Ice must be melted for the necessary water, and during development, fixing and drying the film, the most scrupulous care must be taken on account of the frost. Once, thoughtlessly, he held a camera screw for a moment in his mouth; it froze instantly to his lips, and took the skin off when he removed it.

These are some of the interesting things he tells of in his book, and shows in his film, of one of the greatest adventures undertaken by brave men, the story of which "Uncle Donald" will tell from London next week.



CAPTAIN SCOTT'S PARTY AT THE SOUTH POLE.

Back Row: Captain Oates, Captain Scott and Petty Officer Evans.
Front Row: Lieutenant Bowers and Dr. Wilson.

Silence," which is now being shown throughout the country, and is one of the most valuable adventure stories ever filmed.

He was able to take intimate pictures of Polar life, particularly of seals, as seals have no enemies when out of the sea. In the Antarctic there are no polar bears and wolves, or any other land

"Why did they want to catch him?" asked the boy.

"Wait while I tell you," said Sabo. "In those days, the moor was a wild place; it's a wild place now, but it was very much wilder then, and scarcely anybody lived there, except hobgoblins in the woods and giants on the high rocky places."

"Nat wasn't afraid of them," said Sabo. "For his mother was a witch-woman and had taught him all her secrets. If a hobgoblin tried to do him any harm, Nat turned him into a crooked old tree; and although the giants tried to kill him by throwing rocks and boulders at him from a distance, they never came nearer to him than that, except two young giants who, one day, chased him right down to the river; and when Nat found himself in a tight corner, he faced round upon them, and turned them into two grey standing stones by means of a spell his mother had taught him."

"On this side of the river," went on Sabo, "and just opposite to the place where Nat had put the giants under a spell and turned them into two standing stones, as they might be two tall gate-posts, there were a couple of ash trees growing side by side. The trees were so close together that the ivy, which was growing stout and thick up each of them, was able to cross over from one tree to the other and back again; and it had become so twisted and tangled with itself that all the space between the two trees was filled in with a thick screen of twigs and

(Contd. and in the next column.)

THE STORY OF THE BRIDGE.

By E. W. LEWIS.



garage for repairs. The place had a pretty name; and Sabo was surprised to find that the boy who was doing odd jobs about the garage, and seemed to be willing to talk, did not know why it was called by that name. So Sabo was pleased to tell him.

"In the far-away days," he said, "there was a man called Nat."

"Did he live here?" asked the boy.

"Well, hereabouts," replied Sabo; "his home was on the moor, but he was here, there, and everywhere; he was often seen, but nobody could ever catch him."

(Continued from the previous column.)

ivy. This was Nat's bridge. For when he wanted to cross the river he shouted a magic word to the two grey stones on the other bank, and they became two giants again, and, seizing the tops of the ash-trees, they drew them down so that they reached from side to side of the river, and the trees with the ivy between them made a splendid bridge over which Nat crossed; and then the giants let the trees go, and Nat turned them to stone again until the next time he should want them.

(Continued at foot of column 2, facing page.)

WIRELESS PROGRAMME—MONDAY (Sept. 29th.)

The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station named.

LONDON.

- 1.0-2.0.—Time Signal from Greenwich. Concert, The "2LO" Trio and Dorothy Bennett (Soprano).
- 2.15-3.45.—Sir HENRY WALFORD DAVIES, LL.D. F.R.C.O., on "Music."
- 4.0-5.0.—Time Signal from Greenwich. Concert: The "2LO" Trio. William J. Lane (Baritone). Travel Picture: "Vienna—Austria," by Elias J. Sprutt.
- 5.30-6.15.—CHILDREN'S CORNER: "The Maggie's Opinion," from Hattie's "Children's Annual." Stories by Elizabeth Clark. 6.0.—Uncle Donald will take you "With Scott to the South Pole." (The Story adapted for 8 evenings, from "The Great White South," by kind permission of Mr. Herbert G. Ponting, F.R.G.S., and the Publishers.)
- 6.45-8.55.—Mr. E. Le Breton Martin, on "Mystery, History, and the Family."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.
- JOHN STRACHEY (the B.B.C. Literary Critic): "Fortnightly Book Talk." S.B. to all Stations.
- Local News. 101
- 7.30.—"SPORTSMEN ALL!" S.B. to all Stations. (For particulars see centre column.)
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. S.B. to all Stations.
- Topical Talk.
- Local News.
- 10.0.—THE SAVOY ORPHEANS and SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. S.B. to all Stations.
- 11.0.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

- 3.30-4.30.—Lloyd's Picture House Orchestra. Eileen Barwell (Soprano), John Van Zyl (Baritone).
- 5.0-5.30.—WOMEN'S CORNER: Shirey Rogers, F.R.H.S., Topical Horticultural Hint, Ethel Williams (Contralto).
- 5.30-6.30.—CHILDREN'S CORNER.
- 6.30-6.45.—Teens' Corner: Uncle Horace on East African Experiences.
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: J. C. S. Paterson.

BOURNEMOUTH.

- 3.30-6.0.—Charles Crayford (Entertainer). Roma Howard (Entertainer).
- THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall, Rosina. Musical Director, DAVID S. LIPP.
- Talks to Women: J. S. Bainbridge, B.Sc., on "Getting Rid of Pests—Moths, Beetles, etc."
- 6.0-6.30.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half Hour: J. Featherston, F.R.G.S., on "India and Her Peoples."
- 6.30-6.35.—Weather Forecast for Farmers.
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: John H. Raymond.

ALL STATIONS PROGRAMME.

(Relayed from London.)

7.30-9.30.

Sportsmen All!

A Comedy of Sporting Memories, invented and arranged by A. CORBETT-SMITH.

THE SCENE is the Dining Room of an English country-house of the best sporting traditions.

Our Host, Sir Lamley Basing, has entertained to dinner on his birthday a number of old friends, sportsmen all. There is Geoffrey Ludlow, who "stroked" Oxford to victory in 19--; Arthur Chandring, who won the Grand National on "Greatheart"; Stanley Beresford, who has "kept" for England v. Australia; Cecil Burnham, who has skippered The Corinthians on many a hard-fought field, and a dozen more.

The nuts and port are going round and, with them, a flow of stories, memories and song.

Our Host to-night is played by Sir THEODORE A. COOK. We leave our friends, the audience, to guess the identity of the several "sportsmen all."

For those interested in special events here is an approximate time-table:

- 7.30.—"Our Host, and all good sportsmen and women."
- 7.40.—A Varsity Boat Race.
- 7.50.—A Grand National.
- 8.0.—England v. Australia at Lord's.
- 8.10.—A Disciple of Frank Walton
- 8.20.—The Derby.
- 8.30.—With the Guns in September.
- 8.40.—A Cup Tie and an "International."
- 8.55.—"Reynard the Fox," and after.

The Story of the Bridge.

(Continued from the facing page.)

"The ivy was so thickly-grown and so strong that Nat was able to cross the bridge on horse-back; and once, when he had been stealing, he came back galloping through the moonlight with half a dozen mounted soldiers at his heels, who had been lying in wait for him. Nat spurred his horse and shouted the magic word to his giants. The bridge was drawn down, and over it Nat went like a swift shadow. "The giants had saved Nat's life so often that they thought it was time he released them from the spell. Nat kept promising them, and putting them off. So at last they decided to strike, for even a giant will turn. So, one day, after they had pulled the bridge down for him to cross over, instead of letting it go up again, they held it there—and there it has been ever since. For Nat was so angry that he put both the giants and the bridge itself under a spell, and next day he left that part of the moor and was never seen again.

"For a long time nobody used the bridge, because they were afraid lest evil should befall them; but afterwards they plucked up courage, and it became the chief way across the river. When the trees grew old and began to rot, the people built a stone bridge over them; and for many years there was the stone bridge and the tree-bridge together. But a flood carried the tree-bridge away, and only the stone bridge is now left, although some of the ivy may still be seen growing upon it."

CARDIFF.

- 1.0-4.0.—The Station Trio. Sydney Coltham (Tenor).
- 5.0-5.45.—"SWAS" "FIVE O'CLOCKS": Talks to Women. Grace Howells (Contralto).
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.45-7.0.—Extracts from the MSS. of the late famous Welsh Poet and Historian, "Glanfrew," by his son, E. GLANFREW-THOMAS. 1. "Buried Treasure in Glaswegian."
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: A. H. Goddard.

MANCHESTER.

- 2.30-4.30.—Concert by the "ZY" Quartet.
- 4.20-5.0.—WOMEN'S HALF-HOUR: Recital by Betty Jardine.
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.30-6.55.—W. E. FORD, of Manchester University Museum: "The City of Manchester—its Origin and Development—(5) The Revival of Learning Brings Changes."
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: H. B. Benson.

NEWCASTLE.

- 3.45-4.45.—A. Hedley (Solo Concertina), Betty Guy (Soprano), Michael Kelly (Solo Saxophone).
- 4.45-5.15.—WOMEN'S HALF HOUR: Weekly News Letter. Mrs. S. K. Barber on "Practical Cookery Talk—Jam Making and Boiling Fruit."
- 5.15-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Scholars' Half Hour: Mrs. G. Burns on "Fishes Eggs."
- 6.35-6.45.—Farmers' Corner.
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: W. M. Shewva.

ABERDEEN.

- 3.30-5.0.—Dance Afternoon. Winifred E. Gordon Smith (Soprano). Feminine Topics.
- 5.30-6.0.—CHILDREN'S CORNER: The Orchestra will Talk (Part 1)—"The Sings."
- 6.40-6.50.—Girl Guides' and Boy Scouts' Bulletin.
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: A. M. Shinnis.

GLASGOW.

- 3.30-4.45.—Popular Afternoon: The Wireless Quartet. Jean Cameron (Contralto). Talks to Women.
- 5.15-6.0.—CHILDREN'S CORNER: Letter Competition Results.
- 6.0-6.5.—Weather Forecast for Farmers.
- 6.40-6.55.—Dr. FIO DEL FRATE will give a Talk in Italian on "Marconi."
- 7.0-11.0.—The entire Programme S.B. from London.

Announcer: Mungo M. Dewar.

A number against a criminal item indicates the name of its publisher. A key list of publishers will be found on page 15.

WIRELESS PROGRAMME—TUESDAY (Sept. 30th.)

The letters "S.B." printed in Italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

- 10.2.0.—Time Signal from Greenwich. Concert: The "2LO" Trio and George Pizzey (Baritone).
- 3.15-3.45.—Mr. E. KAY ROBINSON, President of the British Empire Naturalists Association, on "British Birds."
- 4.05.0.—Time Signal from Greenwich. Concert: "Books Worth Reading," by Jenny Wren. Organ and Orchestral Music relayed from Shepherd's Bush Pavilion.
- 6.30-6.15.—CHILDREN'S CORNER: Songs by Marjorie Booth (Contralto). Harcourt Williams will tell some stories.
- 6.0.—Isle Donald: "With Scott to the South Pole"—Second Day (see Monday's page).
- 6.45-6.55.—Mr. ERNEST G. CLARKE on "Some Interesting Mental Tests."
- 7.0.—TIME SIGNAL FROM BIG BEN. WEATHER FORECAST and 1ST GENERAL NEWS BULLETIN. S.B. to all Stations.
- Mr. ROBERT A. SMITH, M.I.E.E., on "Palm Oil." S.B. to other Stations. Local News.
- 7.30-8.15.—"Round the Stations." BALLET MUSIC. Relayed from Royal Opera House, Covent Garden. (Pavlova Season.)
- 8.15.—"Invitation a la Valse." Weber.
- 8.45.—"Round the Stations" (Continued).
- 9.0.—Ballet Music (Continued). "Les Preludes." Liszt.
- 9.30.—TIME SIGNAL FROM GREENWICH. WEATHER FORECAST and 2ND GENERAL NEWS BULLETIN. S.B. to all Stations.
- Mr. F. A. MITCHELL HEDGES, F.L.S., F.R.G.S., on "The Mystery of the Jungle." S.B. to all Stations. Local News.
- 10.0.—Ballet Music from Covent Garden (Continued). S.B. to Cardiff and Glasgow. "Divertissements."
- 10.45.—Close down. Announcer: R. F. Palmer.

BIRMINGHAM.

- 3.30-4.30.—The Station Piano Quintet.
- 6.0-6.30.—WOMEN'S CORNER: Perry Edgar. Dramatic Recital.
- 6.30-6.45.—CHILDREN'S CORNER. B.Sc. F.R.G.S. on "Salt."
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.
- Major VERNON BROOK, M.I.A.E., No. 9 of a Series of Talks on Various Sports—"The Sporting Aspect of Motor Racing." Local News.
- 7.50.—An Evening With a Pack of Cards. Directed by J. HORACE POTTER. At the Piano, F. B. JUKES.
1. Our "Hello" opening Chorus. Potter and Jukes
 2. The Tale of "A Rollicking, Rolling Stone." Fisher
 3. An Up-to-date Alphabet. Potter and Jukes
 4. A Visit to "Butterfly Land." Wakefield (8)
 5. "Three Cowboys" from the Rodeo. Potter and Jukes
 6. All About "Our Little Bungalow." Hill (15)
 7. A Dramatic Playlet, "Stolen Hours." Potter
- Characters:
- John Gale A Cashier
Thompson His Clerk
A Street Singer A Newsboy
Scene: John Gale's Private Office.
8. "Trot Here and There," from "Véronique." Messenger
 9. A Dinde's Dilemma. Squires (13)
 10. The Railway Trip. Windsor (13)
 11. Our Typical Budget, No. 7. Potter and Jukes

12. The Shuffs of Cupid. Fletcher (11)
 13. The Story of a Baby. "Lord Lay-in." Weston and Lee (7)
 14. Some "Unusual Weather." Gulltally (3)
 15. After the Above, "It Ain't Gonna Rain no Mo'." (7)
 16. Operatic Cameos. Potter and Jukes
 - (a) The History of Opera; (b) Pagliacci; (c) La Bohème; (d) The Light Opera; (e) The Future of Opera.
 27. The Spinning Song. Wagner Lint
 28. All About Barbara. Hornaby (7)
 19. "Harlequin's Song." Potter and Jukes
 20. Father Time Intrudes. Potter and Jukes
- 9.30.—WEATHER FORECAST and NEWS. S.B. from London.
- Mr. F. A. MITCHELL HEDGES. S.B. from London. Local News.
- 10.0.—SYDNEY COLTHAM (Tenor) In a Short Song Recital.
- "Romance from Mignon." Thomas
- "From Ajar." Scott (4)
- "Love's Quarrel." Scott (4)
- "I Pitch My Lonely Caravan." Coates
- "Moon Dances." Coates
- "Drunk to Me Only With Thine Eyes." Orr, Quilter (1)
- 10.30.—Close down. Announcer: J. C. S. Paterson.

BOURNEMOUTH.

- 3.30-5.0.—The "6BM" Trio: Reginald S. Mount (Violin), Thomas E. Hingworth (Cello), Arthur Marston (Piano), William Anderson (Bass). Talks to Women: Anne Farnell Watson on "Events of the Month."
- 5.0-6.0.—CHILDREN'S CORNER.
- 6.0-6.30.—Schools' Half-Hour: Monsieur F. Popin, M.A., "French Talk."
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.
- Mr. ROBERT SMITH, S.B. from London. Local News.
- 7.30-8.0.—Interval.
- Municipal Orchestra Night.
- JESSIE RECORD (Contralto).
- NORMAN ALLIN (Bass).
- CHARLES LEIGHTON (Readings).
- BOURNEMOUTH MUNICIPAL ORCHESTRA.
- Relayed from Winter Garden.
- Conductor, Sir DAN GODFREY.
- 8.0. Jessie Record.
 - "Softly Awakes My Heart" ("Samson and Delilah"). Sir Dan Godfrey
 - 8.5. Charles Leighton.
 - Readings from Thackeray.
 - 8.15. Orchestra.
 - "Marche Militaire." Gounod
 - Overture, "Mazurka." Liszt
 - Concert Waltz, "The Magic of Love." Tania
 - "The Musical Box." Lindau
 - Selection, "Philemon and Baucis." Gounod
 - 8.50. Norman Allin.
 - "The Shadow." Schubert
 - "The Organ Man." Schubert
 - 9.0. Charles Leighton.
 - Readings from Thackeray.
 - 9.10. Jessie Record.
 - "My Ain Folk." L. Eason (1)
 - "Annie Laurie." Liza Lehmann
 - "I Heard You Pass By." D. Wood (15)
 - 9.20. Orchestra.
 - "Pax des Patineurs." Gluck
 - Suite No. 1, "Peer Gynt." Grieg
 - 9.30.—WEATHER FORECAST and NEWS. S.B. from London.
 - Mr. F. A. MITCHELL HEDGES. S.B. from London. Local News.
 - 10.0. Norman Allin.
 - "My Secret." Schubert
 - "Death and the Maiden." Schubert
 - Jessie Record.
 - "Three Fishers Went Sailing." Hullah
 - "Lie There, My Lute." Emma McConna
 - "Now Sleeps the Crimson Petal." R. Quilter (1)
 - 10.15. Charles Leighton.
 - Readings from Thackeray.

Norman Allin.

- "Ballad of Semmerwater." Graham Peel (1)
- "Old Clothes and Fine Clothes." Martin Shaw
- "Yeoman of England." Edward Gorman
- 10.30.—Close down. Announcer: John H. Raymond.

CARDIFF.

- 3.0-4.0.—Falkman and his Orchestra, relayed from the Capital Cinema.
- 4.0-4.45.—The Carlton Orchestra, relayed from the Carlton Restaurant.
- 5.0-5.45.—"SWA'S" "FIVE O'CLOCK'S": Talks to Women. Perry Holt (Tenor).
- 5.45-6.30.—CHILDREN'S CORNER.
- 6.45-7.0.—"Impressions of Great Modern Writers" (IX), by Guy Pocock.
- 7.0.—WEATHER FORECAST and NEWS. S.B. from London.
- Mr. RICHARD TRESEDER, F.R.H.S., Chit on "Gardening." Local News.
- 7.30.—Sir HENRY WALFORD DAVIES, Mus. Doc., LL.D., Director of Music and Chairman of the National Council of Music, University of Wales, on "Melodies and How to Make Them." CONSTANCE IZARD (Solo Violin).
- "Folk Song." Gutter-Kreuler
- "Spanish Dance." Gutter-Kreuler
- "Sarabande and Tambourin." Lecture
- Mr. F. BLIGH BOND on "The Ecclesiastical at Glastonbury Abbey."
- 8.30.—Eusthops Martin and His Music. (All Items Accompanied by the Composer.)
- I. CONSTANCE IZARD (Violin) and EUSTHOPS MARTIN (Pianoforte). Concert Piece for Violin and Pianoforte, "From the Rialto."
 - II. KATE WINTER (Soprano). "The Daffodils." Poem by Wordsworth (5)
 - "A Far-Off Tide." Poem by Helen Taylor (5)
 - "Absence." Poem by Jessie Middleton (5)
 - III. HERBERT HEYNER (Baritone). Song Cycle, "The Way of a Ship." Poem by C. Fox Smith (5)
 - (a) "Rosario"; (b) "Morning Watch"; (c) "Sea Voices"; (d) "Casey's Concertina"; (e) "Roll Along Home." Constance Iazard.
 - IV. "Savournien Deelish" (5)
 - "Morning Song."
 - V. Herbert Heyner.
 - "The Holy Child." Poem by Martin Luther (A New Setting of the Old "Crabbe Hymn.")
 - VI. Kate Winter.
 - "All For You." Words by Helen Taylor (5)
 - "Valgavind's Boat Song" ("The Goddess of Kana"). Words by L. Hage (5)
 - "St. Nicholas' Day in the Morning." Poem by Helen Taylor (5)
 - VII. Herbert Heyner.
 - "All the Fun of the Fair" ("The Songs of the Fair") (5)
 - "Interludes."
 - "Fairies Friday."
 - "Come to the Fair."
 - 9.30.—WEATHER FORECAST and NEWS. S.B. from London.
 - Mr. F. A. MITCHELL HEDGES. S.B. from London. Local News.
 - 10.0.—BALLET MUSIC: "Divertissements" (Pavlova Season). S.B. from London.
 - 10.45.—Close down. Announcer: W. N. Settle.

MANCHESTER.

- 12.30-1.30.—Organ Music by H. Fitzroy Page, relayed from the Piccadilly Picture Theatre.
- 3.30-4.30.—Septet, relayed from the Oxford Picture Theatre. Conductor, S. Spargis.
- 4.30-5.0.—WOMEN'S HALF-HOUR: Mrs. McCormick: "Holidays for Mothers."

A number against a musical item indicates the name of its publisher. A list of publishers will be found on page 15.

Oct 1st, 1904

(Oct. 2nd)

THE NEW YORK TIMES

FRIDAY, JANUARY 10, 1968

NEW YORK

ONE NEWS BULLETIN

EIGHT OFH STRA

The Station Phone
WOM N 5 (OPN) 1.

[illegible]

[The page contains extremely faint, illegible markings.]

(Relayed from London
7 35-9 30

Music Drama by RUTLAND BOURTON
Poem adapted from the Drama and
Poems of FIONA MACLEOD.
Conducted by the Composer

Cast:

Dave	ARTHUR CRANNER
Elmer	ELSIE SUDABY
Eochaidh	SUMNER AUSTIN
Spirit Voice	GLADYS PALMER
Maive	
Manus	KENNETH ELLIS
Old Bard	
Midir	Wm. HESELTINE

Chorus of Druids and Warriors

Act I
Scene 1, A Forest
Scene 2, The Hut of Mannus and Maive.
Act II.
Hall of the Duke of Eochaidh the King.

Overture	Iolanthe	Sullivan
Walking Time		Granger
Procellium		Jarnfieldt
Triumphal March (Sigurd Jorsafar Suite)		Craig

- 10. Rogers and Co.
- 11. Corbett, J. and Sons, Ltd.
- 12. Harris, Lawrence, Music Publ.
- 13. " " " " " " " "
- 14. " " " " " " " "
- 15. " " " " " " " "
- 16. Feldman, B. and Co.
- 17. Francis, Day and Hill, Ltd.
- 18. " " " " " " " "
- 19. Lawrence Wright Music Co.
- 20. " " " " " " " "
- 21. Novello and Co., Ltd.
- 22. Phillips and P.
- 23. Reynolds and Co.
- 24. Stainer and Bell, Ltd.
- 25. Williams, Joseph, Ltd.
- 26. Cavendish Music Co.
- 27. The Anglo-French Music Company, Ltd.
- 28. Beal, Stanford and Co., Ltd.
- 29. Dix, Ltd.
- 30. W. Packer and Co., Ltd.
- 31. Warren and Phil.
- 32. Becker and Walsh
- 33. West, E.
- 34. " " " " " " " "
- 35. " " " " " " " "
- 36. " " " " " " " "
- 37. " " " " " " " "
- 38. " " " " " " " "
- 39. " " " " " " " "
- 40. " " " " " " " "
- 41. " " " " " " " "
- 42. " " " " " " " "
- 43. " " " " " " " "
- 44. " " " " " " " "
- 45. " " " " " " " "
- 46. " " " " " " " "
- 47. " " " " " " " "
- 48. " " " " " " " "
- 49. " " " " " " " "
- 50. " " " " " " " "

of our train dated August 20th etc
I enclose number of the
of "How Deep the Slumber of the Flow
and of "Love, I could I Only Tell Thee
pet), and on page 411 of "No Jolly to a
Substan) also page 491 of our issue dated
"Soul of M. Ros a
"Epitaph (Pect) At their work
by Mendez Chopp II & Co, Ltd.
Up a Street Lyons, W 1.

At 10.15.30 Concert by 273rd Quartet
 11.0.5.0 WIMBORNE & HALE HALL, Hants.
 Music between Extension in the
 Songs and Promenade of the
 11.0.5.0 CHILDE'S COMPANY
 11.0.5.0 Boy Scouts and Girl Guides

3.45-4.40. Concert. Doria Lang (alto),
Doris Vane (soprano), Harry Hopper,
Doris
Mary Evelyn, Thos
Jermine, W. S. Squire
4.45-5.15. CHILDS' STORIES. CORNER. Mrs.
Vane. Stories, etc. by Child
5.15-6.30. Scholars' Hall. Mrs. T. E. Hall
R. S. "Traveling in the U. S."

noon. The Wireless Co.
Van Zyl Baritone). Four new Tenors
30 O. O. 4 L. ALLEY N. S. CORNER. "H. H."
nd Tales and Tragedies—41
gave Brigade Band
The entire Programme & B. Item

Announcer W. D. E.

Home and Grace Cottage. Afternoon

12. 12. 4 H. LOREN'S CORNER W.
Finner (Soprano) will tell you a fairy
story and sing some songs. We'll
stamp Chat by Uncle Phil. The Mat
Story time

Forecast for Farmer
Larch, the famous Olympic
Bore Wind

12. 12. 10 " Programming S.B. from Local
WEATHER FORECAST and News
from London

Mr H. H. BRENNAN, M.A., B.Sc. of
the University of Glasgow, on "Edi-
torial Revision Literature." S.B. to
be through Local Now

A number against a colored stem indicates the cover of its publisher. A key list of publishers will be found on p. 100.

(Oct. 4th).

120 *Journal of the*
Association of
Mathematical Teachers
 Volume 10, Number 1, 1916

page 13.

3.30 4.30.—Birmingham City Prize Bond.
5.0 5.30.—WOMEN'S CORNER. Part 1
book, "Home Crafts Chat, A"
Preserving of Food, Baking and Pickling
5.30 6.30.—CHILDREN'S CORNER. Auntie
Mild and a further Spooky Adventure

Waltz, "The Dream Princess". - Ancliff.
March, "King Cotton". -Souza
p 20 The Roosters.

2007年 1月 1日

A number against a musical item indicates the number of the publisher. A key list of publishers will be found on page 15.

ANNOUNCEMENT

Reduction in Price of

WECOVALVES



The Well-known Wecovalve has been
Reduced in price to

25/-

OPERATING CHARACTERISTICS

Filament Current, 0.25 amps.
Detector Plate Voltage, 17-22 volts
Filament Voltage, 0.8-1.1 volts.
Amplifier Plate Voltage, 22-60 volts.
The best and most efficient dry cell
valve on the market.
Silent in action and of Robust Con-
struction.



Western Electric

COMPANY LIMITED

Connaught House, Aldwych, London, W.C.2.

Central 7345 (9 lines).

Branches: Birmingham, Leeds, Manchester, Newcastle, Glasgow, Cardiff, Southampton, Liverpool, Dublin.

"Heigh-ho! Come to the Fair!"

The Story of the Famous Song. By A. B. Cooper.



Mr. EASTHOPE MARTIN.

WITH painter, poet, and novelist, the village fair has always had an attraction. The Victorian painters were specially fond of it, and Wilkie and Frith and Maclise and others of their company depicted its merry scenes, its horse play, its little comedies and tragedies, with a sympathetic touch. You found a good setting, too, in the village fair, and Dickens in its effective use, when "Johnnie" stayed long at the fair, "he had promised his lady love 'a bunch of blue ribbon to tie up her bonnie brown hair, the song writer has found the fair equally alluring.

One of the songs which seems to have come, like Eliza, "to stay," is Helen Taylor's (Mrs. Robinson's), "Come to the Fair," which has had a world wide vogue, and shows no signs of ever falling into that limbo of forgotten tunes which awaits most human productions. The charming words are set to music by Easthope Martin, and the setting is ideally suitable.

Impressed by a Name.

When I asked the author of the words how the song came to be written, she told me the following story.

From childhood I had always been fascinated by the old fairs in the country, and whenever I visited one, the glamour and colour made a vivid impression on my mind. At a very early age I had begun to string rhymes together and to make verses, and by degrees a number of lyrics came into being, and among these 'Four Songs of the Fair'.

Some of these lyrics, to my intense delight, were set to music by various composers, but for some reason no one seemed able—or willing—to set the 'Fair' lyrics upon which I set so much store.

Then something wonderful happened. One evening, at a Sunday concert, I heard a song the music of which was by Easthope Martin. It was a name I had never heard or noticed before, and it impressed me strongly—"Easthope Martin." I said it over to myself and thought, "I'll send him some of my lyrics."

The Last Lyrics.

I did so, and in something under a week came his reply. He liked my work very much, he told me, and especially the 'Four Songs of the Fair.' These, he went on to say, he had already set to music, but, unfortunately, he had lost the book of verses—had, in fact, left it in a taxi. Could I send him another copy?

Well, now, do you think a young and enthusiastic librettist would ever part with the only copy of her priceless words? I suppose there have been such tragical happenings, but mine was not doomed to be one of them, and my new and wonderful collaborator had a new copy by return of post.

In an incredibly short space of time the set of four songs was accepted for publication by Enoch and Sons, the music publishers of 25 Great Marlborough Street, W 1, and issued as a Song Cycle, in a gay cover of swings and roundabouts, and all the fun of the fair, and they were immediately sung by Mr. Kennerley Ransford at a big concert at the Royal Albert Hall.

This cycle of songs was the first of many written in conjunction with Easthope Martin,

and it was so successful, that in his course the publishers suggested a second 'Fair' cycle and, later on, a third.

Discussing the second book with the composer, Mr. Martin told me one day that he had a 'topping tune' in his head, and forthwith offered to play it over for me, in order to see whether the rhythm would suggest a lyric for the new book.

This tune lived with me for days, beat its way into my brain, and then, quite suddenly, words fitted themselves to the melody—and the words were the now familiar 'Come to the Fair'.

The sun is a shining to welcome the day
Heigh-ho! come to the fair
The folk are all singing so merry a lay
Heigh-ho! come to the fair
A little stall on the green, and as fine
Can be
With trinkets and tokens so pretty to see
So it's come then, maidens and men,
To the fair in the pride of the morning
So deck yourselves out in your finest
And
With a heigh-ho! come to the fair

The fiddles are playing the tune that you know
Heigh-ho! come to the fair
The drums are all beating away let us go
Heigh-ho! come to the fair
I am a dancing man, I have my own way
And
You are all so merry and men
To the fair in the pride of the morning
So rock up your heads, there'll be plenty
Of fun
And it's heigh-ho! come to the fair

For love making, too, if so be you've a
Heigh-ho! come to the fair
For hearts that are happy are loving and kind,
Heigh-ho! come to the fair
If 'Haste to the Wedding' the fiddles should play
I warrant you I dance to the end of the day
Come then, maidens and men,
To the fair in the pride of the morning
The sun is a shining to welcome the day
With a heigh-ho! come to the fair

A Friendly Rival.

As the history of song-writing clearly shows, it is by no means the only instance of the music suggesting the words and their rhythm, and many of these songs have proved popular. Thus was no exception, for this song became the principal one in the cycle 'Three More Songs of the Fair,' the other two being 'An Interlude' and 'Hats and Bells.'

But, though 'Come to the Fair' has, perhaps, become the most widely known of all the Fair songs, I am personally hoping that one of the songs in the third and last cycle, 'A Day at the Fair,' may prove a formidable, but friendly, rival.

On Tuesday, September 30th, Mr. Easthope Martin will accompany some of his own songs including "Come to the Fair," when they are broadcast from Cardiff Station.

Every province in India is to have its own broadcasting company. Licenses will cost ten rupees, and programmes other than news may be broadcast at any time of the day.

Songs I Like Best.

By Herbert Heyner, the Baritone.



Mr. HERBERT HEYNER.

FROM a repertoire of some five hundred songs it is very difficult to fix upon a definite favourite, and there are so many things to take into consideration where a personal preference is concerned. I am, however, of the essentials of a song for this purpose is that it should have a good narrative interest, and I think also of a dramatic interest, the task of

holding the attention and interest of my unseen audience becomes comparatively easy. For this reason, the old traditional song "The Fair Vanities" makes a very wide appeal to me, therefore, one of my favourites. To this I would add Massenet's "Song of the Flea," with its grim satire, and Schubert's "The Erl King," in which the three characters must be given their respective tonal personalities.

A Broadcast Thrill.

Of the various nuances which a song can take in his song a tonal nuance—or in a softer—seems not nearly so effective in transmitting a strong verbal or dramatic utterance. The words "In his arms he has his life laid" at the end of "The Erl King" can deliver the same thrill when broadcast as when sung in the concert hall—indeed, the effect may be enhanced, for the listener has no visual distraction. One of the directors of a certain broadcasting station, who listened in the next room by means of earphones, afterwards told me that he had rarely realised so vividly the drama which the song portrays.

Another type of song which appeals very much to me is that which, like "Britannia," has a reflective atmosphere. This song, by reason of the artistry of E. V. Lucas's poem, imparts the suggestion of a cool church, incense, and musty manuscripts, and it has just that rare, rare interest which enables an audience to picture the scene described. It is always appreciated, and my pleasure in it is undiminished.

Schumann and Schubert.

The clearly defined melody, out one of many of the Schumann songs makes them a joy to both singer and hearer, and Schubert's "Who is Sylvia?" is, for the same reason, also a favourite of mine. But I feel that these, with the exception of the last named, should be sung in the original German and that the *lieder* of Strauss, Hugo Wolf and Brahms demand the same consideration. They, unfortunately, limit their appeal and forbids me to select them as often as they, perhaps, deserve; for it is only natural that all my music-lovers should want to know what the song is about.

Our modern English composers provide many great favourites of mine. The songs of Elgar, Delius, Roger Quilter, John Ireland, Easthope Martin and others bring true enjoyment to nearly everyone. Let me but mention "O Mares of the Wind" and "Blow! Blow! Thou Winter Wind."

I have always felt that half the pleasure of singing is in the appreciation of my audience, and now that my audience is increased a thousand-fold, the pleasure is increased in like ratio. Just the thought that thousands are deriving particular pleasure from a beautiful song makes that song one of my favourites.

Mr. Herbert Heyner will sing at Cardiff Station on Tuesday, September 30th.

If I Planned the "Women's Hour."

The Programmes I Would Choose. By Mrs. BELLOC LOWNDES.

Mrs. Belloc Lowndes is one of the best known novelists of the day, and is noted for her writings on questions that affect women. Among her most popular books are "The Heart of Penelope," "The Uttermost Farthing," "Jane Oglander," "Good Old Anna" and "Why They Married."

I FEEL that there is something very ungracious in setting out to criticize any portion of the wireless programme, for I realize how great and various must be the difficulties of those engaged in drawing it up each day each week and each month. Yet if as I believe criticism is really welcomed by the clever folk engaged in the difficult task, then there are certain things I should like to say with regard to that portion of the daily programme which is supposed particularly to appeal to women.

Of Interest to Men.

May I begin by saying one thing which I feel very strongly? That is that I find men and women on the whole interested in the same subjects. Of course, there are many things which closely concern women and do not directly concern men; though even then I think those who specially cater for women in the Press, as well as in wireless, would be astonished could they discover how many men make a point of reading the Women's Page of their daily paper, and even of listening during the Women's Hour, provided the matter contained in the Women's Page, or spoken during the Women's Hour, be really worth reading and listening to.

And now may I go on to an important "Don't"?

Be Practical!

Don't, when dealing with such concrete realities as health, food, dress, housewifery, and such like subjects, pass any talk which is not thoroughly practical, both as to what is to be said, and as to the way it is to be put.

For instance, if dealing with health: I should suggest taking only one serious point; and personally, I should throw aside what seems to me false delicacy. At the present moment there is a strong belief on the part of the leading hygienists of the world that many diseases, including the dread disease of cancer, are caused by constipation.

Were I running the Women's Hour, I should ask some of our digestive experts to put, as shortly and plainly as possible, the dangers of constipation before the listener and, above all, to tell her how this trouble can be combated and avoided, with, of course, a special reference to the management, in that matter, of young and growing children.

Broad Facts About Food.

With regard to food. It is no good offering recipes, however excellent, for it is impossible for any listener to make a note of them, unless she is blessed with a knowledge of shorthand. But there are certain broad facts about the art of cooking which are well worth impressing on even an experienced cook. Such a fact, for instance, that one reason why all good French household cooking is so superior to even the best cooking in an English private house, is because all cooking in France and especially any forms of roasting, and the boiling of all green vegetables, is done very, very slowly.

A French woman begins preparing the mid-day meal as soon as she gets up in the morning—say three hours before it is to be eaten. The average

English cook starts operations about an hour before the meal is to be served, and her one object in say roasting a chicken is to do it how quickly she can get it "nicely" done.

That one piece of information might make a great difference to many a woman who listens and who has never thought of the question of the preparation of food from the point of view of time.

A very clear exposition as to the part that vitamins play in health and disease would also, I feel, be much appreciated. I have never read any article that conveyed the information in a way the ordinary person could understand.

It seems to me far more difficult to provide good talks about dress than about any other subject. But even there I cannot help thinking that what is wanted is something far more practical and definite than what is generally offered.



"What's the idea of a raincoat on a bright day like this?"
"Well, the radio weather report prophesied rain to-day."
"That's funny! Perhaps you hadn't timed the thing right!"

When we remember that thousands of women, belonging to different social classes, of widely differing monetary conditions, and of ages ranging from, say, eighteen to eighty, are listening, it becomes plain that with regard to such a subject as dress, only one section of listeners can be catered for at any one time. A series of talks, for instance, on the colour schemes which suit the dark woman, the fair woman, the tall woman, the short woman, the fat woman, the slender woman, would, at any rate, arrest the eager attention of a considerable number of the women who listen.

I have often noticed with amusement how a certain feature of a Sunday paper attracts the attention of most of its readers, men as well as women. That feature consists of a famous dress-expert's unconventional personal advice to individual women readers who tell her of their special needs. Each correspondent couples her request with frank statements as to her appearance and physical disabilities.

Always the answer is admirably to the point—clear, firm and tactful!

When we come to those subjects which deal with housewifery or all that concern household management, I feel that here, again, what is wanted is something almost brutally plain, and practical rather than what is pleasing and beautiful.

Cravings For Romance.

But, of course, I admit that there is a type of woman listener who wants to get right away from her everyday life, and I know that gallant efforts are made to satisfy her cravings for romance. Those efforts would often be more successful if the listener herself knew what she yearned for—too often she does not? May I suggest that what is likely to appeal to such a woman is something which will grip her mind, and so make her forget "the daily round" of common task? That may take the form of a vivid analysis of some good new problem play by Archibald Hadden, the brilliant wireless dramatic critic. Or again, a sympathetic talk on "What makes for happiness in married life?" or "Should women continue in business after marriage?" or "Is a man justified in breaking off his engagement?"

But I do doubt very much whether a short story or a poem, however good, when read aloud, really satisfies the woman listener's longing for "something different."

"What Happened To-Day."

And now for a last word. I very much regret that the News given out through the wireless is of so colourless a character. If news is worth giving at all, it seems to me worth giving in an attractive form. There is something new of almost universal interest happening every day of the year, and I regret that that "something" is never dealt with on the wireless, unless it happens to be in the narrowest sense of the word, "news."

I should like at least a quarter of an hour of each evening given up to a talk called, "What Happened To-Day," and, with regard to that, I should make the range as wide as possible, and insist that the matter be presented in a really interesting and even exciting way.

The latest fashion in America is the wearing of tiny models of some wireless component, mounted on rings, brooches, and so on.

It is planned to erect a broadcasting station on board the giant liner *Lerion*. It is hoped to transmit programmes nightly.

The Russian Government is constructing receiving sets which are not to cost more than three pounds. Amateurs are also allowed to build their own sets and a small fee is charged in either case.

Tests have been made in South Africa by placing receiving sets underground in gold mines. The reception was good and mining experts expect that important discoveries will be made in connection with radio and mining. Some of the tests were made at a depth of 1700 feet.

AMPLION



The World's Standard Wireless Loud Speaker

Amplion Loud Speakers are world-famous for sensitivity, full volume, clarity and wonderfully natural tone-qualities, due to the incorporation of many exclusive features, including a non-resonating sound conduit with wood horn and an improved unit embodying the "floating" diaphragm.

ALFRED GRAHAM & COMPANY (E. A. GRAHAM)
St. Andrew's Works, Crofton Park, LONDON, S.E. 4.

ALL BRITISH RADIO
EXHIBITION

STANDS 45 & 46

ROYAL ALBERT HALL,
Sept. 27th . . . Oct. 8th.

Edinburgh Programme. Week Beginning Sunday, September 28th

SUNDAY, September 28th

3.0-4.0 The Station Pianoforte Trio
4.0-5.0 CHILDREN'S CORNER
5.0-5.15 Dr. Pico Del Fruto on 'Matcoom' (in Italian). S.B. from Glasgow.
5.15-6.0 Programme S.B. from London.

MONDAY, September 29th.

3.0-4.0 The Station Pianoforte Trio
4.0-5.0 CHILDREN'S CORNER
5.0-5.15 Dr. Pico Del Fruto on 'Matcoom' (in Italian). S.B. from Glasgow.
5.15-6.0 Programme S.B. from London.

TUESDAY, September 30th, WEDNESDAY, October 1st, and SATURDAY, October 4th

3.0-4.0 The Station Pianoforte Trio
4.0-5.0 CHILDREN'S CORNER
5.0 onwards. Programme S.B. from London.

THURSDAY, October 2nd.

3.0-4.0 The Station Pianoforte Trio
4.0-5.0 CHILDREN'S CORNER
5.0-5.15 Programme S.B. from London.
5.15-6.0 Mr HUGH BERNAN MA S.B. from Glasgow
Local News
10.0-10.30. Programme S.B. from London.

FRIDAY, October 3rd.

3.0-4.0 The Station Pianoforte Trio
4.0-5.0 CHILDREN'S CORNER
5.0-5.15 WEATHER FORECAST and NEWS S.B. from London.
5.15-6.0 PERCY SCHOLLES S.B. from London.

Programme of Modern Composers.

1. N. W. P. L. A. C. (C. 1914)
2. N. D. C. L. A. (C. 1914)

THE QUINTETS

JOHN SINCE (1st Violin)
TED PAGE (2nd Violin)
S. H. C. L. A. (2nd Violin)
J. FAIRBAIRN (Viola)
D. C. L. A. (Violoncello)

7.30 Ronald Chamberlain
1. 1. 1. Chorus and Fugue... Cesar Franck
7.50 Helen Whitelaw
April
The Lake Isle of Innisfree Graham Felt
The Early Morning
8.0-8.15. Prof. F. SHEDD NICHOLSON
LL.D., F.B.A., Talk on an Economic Subject
8.15. Ronald Chamberlain
Sonata N. 1. F. Sharp Minor, Op. 30

(a) Andante; (b) Promissum Volando.

8.30 Helen Whitelaw
The Lake Isle of Innisfree
The Early Morning
8.45. Pianoforte Quartet in F Minor
Cesar Franck
1) Molto moderato quasi andante. Marcato
2) Lento, con molto sentimento. (3) Allegro non troppo, ma not. fuoco.

8.30. WEATHER FORECAST and NEWS.
S.B. from London.
Mr GEORGE N. W. MA S.B. from London.
Local News

10.0 Helen Whitelaw
The Brightest Day
St. Nicholas Day
The Morning
"Battlefield Bells"
10.15. Ronald Chamberlain
Ep. B. 1914
H. J. T. 1914
Burlesque
10.30. L. Marshall.

Pieces in the Programmes.

A Weekly Feature Conducted by Percy A. Scholes.

BOUGHTON'S "IMMORTAL HOUR."

(S.B. from LONDON, THURSDAY)

RUTLAND BOUGHTON was born in 1874. He is very widely known as the founder of the Festival School but at Glavton are and later at Bristol has given performances of some of his "musical dramas" as well as of many other works by contemporary British composers. Boughton's stage works also include a Nativity play, *Bethlehem*, and the opera *Alkestis*, produced in London last January. Besides four or five large-scale choral works he has written some chamber music and a good many songs.

The *Immortal Hour* is adapted from the plays and poems of E. M. L. (William Sharp). The dramatic personae are DALIA, a shadow god (*Baritone*), ETAIN a lost fairy maiden (*Soprano*), ECHADH (pronounced "Yok ay"), King of Ireland (*Baritone*).

A SPIRIT VOICE (*Mezzo Soprano*)
MANUS, a peasant (*Bass*).
MAIVE, his wife (*Contralto*).
MIDIR, a prince of fairy (*Tenor*).
AN OLD BARD (*Bass*).

Scenes of Tree Spirits, Factions, Drunks, Warriors and Court Women.

ACT I

The story is as follows: DALIA, the Shadow that lies behind Life (representing Nemesis, whose touch is madness or death for any mortal), is invoked in the wood by ghosts. The tree-spirits dance round him, and rouse his anger. He hears the voice of ETAIN, and bids. She longs to return to her world but has forgotten all but her name in the visions that have led her to wander abroad. (Here occurs her song, "Fair is the Moonlight, with its fragile, other-worldly charm.")

ECHADH approaches, following the voice of Dalia, and singing "I have heard you call. Dalia" a theme in which the haunting drop of the melody as the Shadow-god's name is called, gives a sense of longing and wistfulness. Eochadh seeks the maiden, more beautiful than any mortal, that the gods have promised him—Etain. Dalia is to be his guide.

The second scene is in the hut of the peasants MANUS and MAIVE, in which ETAIN has taken refuge. She mourns over the lost beauty of her fairy world.

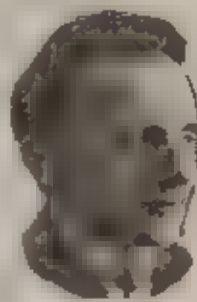
MANUS enters, and he and ETAIN sing of their love, in the quiet yet strong melody which is the centre-point of the scene. At last I know why dreams have led me. Distant voices are heard, in a fitting, gracefully curving tune, singing "Hail to the lord who dwells in the hollow hill." Memory stirs in Eochadh, and she is in motion, as the curtain falls.

ACT II

At the court the Druids are holding a festival to celebrate the completion of the first year of the marriage of ETAIN and ECHADH. Both are visited by feelings of oppression, longings and fears. Eochadh has seen strange visions in the darkness and heard the laughter of spirits. Etain with drawn, presently enters MIDIR, who asks a boon of Eochadh, which the latter promises to grant. Midir, beyond saying that he is the son of a King, will not tell his name or whence he comes. Eochadh feels Midir's power, and asks for his "heart's desire." Midir sings of legendary loves among the gods, and claims his boon to kiss Etain's hand. While she is in the arms of an OLD BARD sings of the joys of dreams and of men.

ETAIN appears. She knows not Midir, and he sings to her of "the lordly ones" the

song previously heard at the end of the first Act. She responds to its spell, and when Midir sings of his lord of his desire, she can not even hear the pleading of Eochadh, but, transfixed, follows Midir as he goes out. DALIA enters and touches Eochadh who falls to the ground.



MR. RUTLAND BOUGHTON.

William Sharp preferred to call his work a "psychic play." He meant it as an allusion in which, to quote his own words, he "attempted to give voice to two elemental emotions, the emotion of the inevitableness of death and the emotion of tragic lovelessness." The old Celtic legend doubtless symbolizes not only the wronging back to the other world of the Princess Etain but as in the Greek legend of Orpheus and Eurydice, the waiting of spring back to the world after an enforced "transmission." In the ancient myth he found yet another interpretation, and strove "in Etain to symbolize the wayward, but home wandering soul, to show in Midir a symbol of the immortal spirit, and in Eochadh a symbol of mundane and mortal love."

It is this interpretation, so the writer of the poet, that Rutland Boughton also has endeavoured to express in his music. No lovely melodies linger in the mind long after the work has been heard.

BEETHOVEN'S "KREUTZER" SONATA

Kreutzer was a French violinist, in whom Beethoven deposited this work. It consists of an Introduction and three Movements, only the last two of which are to be played.

Andante con forza (a rather slow Air with Variations).

The Air is lengthy, and contains in its first notes the element of syncopation (notes short, long, short in a bar of two-time).

The Variations are very clear, and are followed without any particular description.

Very quick.—This is in "Sonata" form, in the FIRST MAIN TUNE the Piano supplies a second part in similar rhythm to the Violon's vigorous melody. Immediately afterwards the two parts are reversed—the Piano now above the Violin.

The SECOND MAIN TUNE is in two parts: a significant tune and a poetical one. The significant one is the Violin is nearly related to the First Main Tune. By and by this is handed over to the Piano, the Violin assuming itself in acrobatic meanwhile. Then comes the contrast of poetical Tune, lovingly treated, that forms an effective contrast in an otherwise entirely brilliant Movement, which is built up on the materials now in hand, with the usual Development and Recapitulation.

That the descriptive articles on music written by Mr. Percy A. Scholes in *The Radio Times* each week have a permanent value is the opinion of a writer in the September issue of *The Librarian*. He suggests that these articles should be cut out, and pasted in the musical scores loaned from Public Libraries as a guide to the appreciation of those particular pieces of music. This practice has been carried out for some time in the Tottenham Libraries.



Headphones



ALL BRITISH WIRELESS
EXHIBITION

Albert Hall, Sept. 27—Oct. 6
Stand No. 41

B.T.H. Headphones are supreme in all respects—in sensitiveness, tone, permanence, and comfort. Although fitting closely to the ears and thus excluding extraneous sounds, very little pressure is exerted and they can be worn for hours without discomfort.

Price per pair (4000 ohms) - £1 5s. 0d.

A PROOF OF SUPERIORITY

Ask your dealer to tune out his demonstration set until you can only just hear. Then substitute B.T.H. Headphones and you will be able to hear clearly with the same volume of sound.

We also make Crystal Sets, Valve-Crystal Sets, Valve Sets, Loud Speakers, Amplifiers, Valves (including B5-0.06 amps) and Taps, Battery Chargers.

Obtainable from all Electricians & Wireless Dealers

The British Thomson-Houston Co. Ltd

Offices: Crown House, Aldwych, London, W.C.2

Branches: Birmingham, Bristol, Cardiff, Glasgow, Liverpool, Manchester, Newcastle, Nottingham, Plymouth, Reading, Southampton, Swansea, Tyneside, Worcester.

2718

The B.T.H. B.6.

A New Power-Amplifying Valve

VOLTS 3.5 AMPS

THIS new valve—the first of its type—is a dry-battery power-amplifying valve. One great advantage of the B.6 valve is that it can be used in conjunction with our well-known B.5 valve (0.06 amps) which also requires 3 volts on the filament.

Price 35 - each.

Obtainable from all Electricians and Radio Dealers

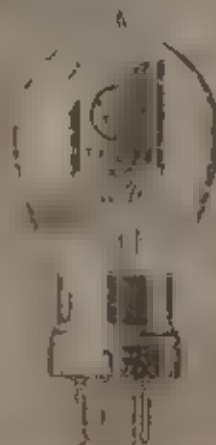
We also make: Valve-Crystal Sets, Valve Sets, Loud Speakers, Amplifiers, Valves (including B5-0.06 amps) and Taps, Battery Chargers.

The British Thomson-Houston Co. Ltd

Offices: Crown House, Aldwych, W.C.2

Branches: Birmingham, Bristol, Cardiff, Glasgow, Liverpool, Manchester, Newcastle, Nottingham, Plymouth, Reading, Southampton, Swansea, Tyneside, Worcester.

Representatives: Messrs. J. & J. G. & Co., Ltd., 10, Abchurch Lane, London, E.C.4.



Characteristics of
The B.T.H. B.6 Valve

Flames 1 in. 3.
" 4 in. 2.3
" 6 in. 1.5

Hull Programme, Week Beginning Sunday, September 28th

SUNDAY, September 28th.

3.0-5.30 } Programme S.B. from London
8.0-10.15 }

MONDAY, September 29th. WEDNESDAY, October 1st.

4.0-4.15 } CHILDREN'S CORNER
5.15-6.15 } Programme S.B. from London
7.0-11.0 }

TUESDAY, September 30th.

3.30-4.30 } Robert A. Jackson and his Orchestra
4.30-5.0 } relayed from the Majestic Picture House.
4.0-4.30 } WOMEN'S HALF HOUR
5.15-6.15 } CHILDREN'S CORNER
7.0-10.45 } Programme S.B. from London.

THURSDAY, October 2nd.

3.30-4.0 } Robert A. Jackson and his Orchestra
4.30-5.0 }
4.0-4.30 } WOMEN'S HALF HOUR
5.15-6.15 } CHILDREN'S CORNER
7.0-10.30 } Programme S.B. from London

FRIDAY, October 3rd.

3.30-4.0 } Robert A. Jackson and his Orchestra
4.30-5.0 }
4.0-4.30 } WOMEN'S HALF HOUR
5.15-6.15 } CHILDREN'S CORNER
7.0-10.30 } WEATHER FORECAST and NEWS
S.B. from London
PERRY SCHOLES S.B. from London
Local News

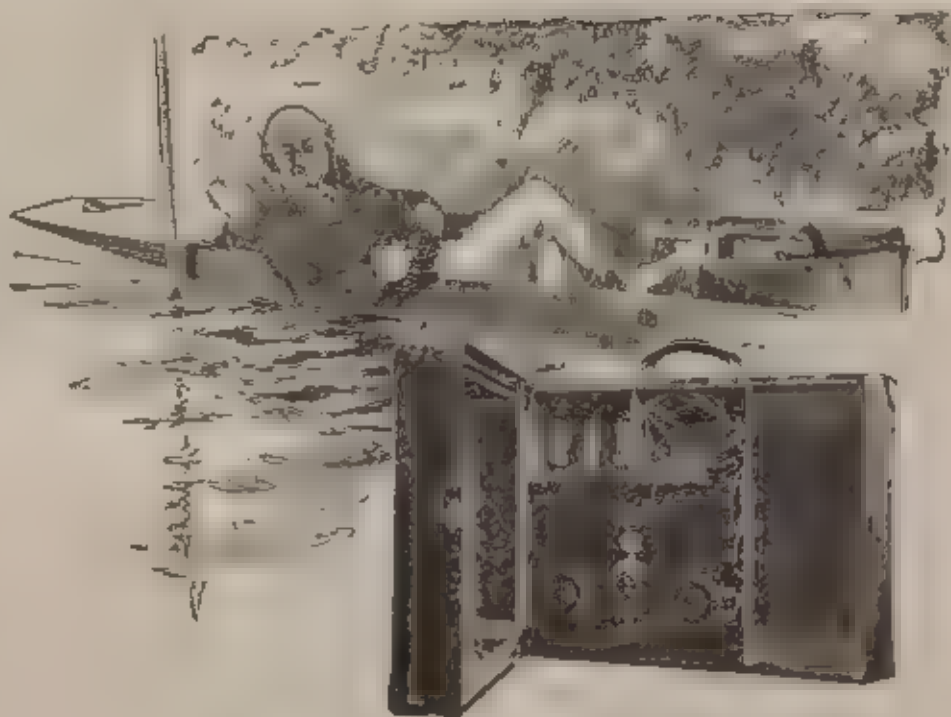
Favourites From Many Lands.

REBA COHEN (Soprano)
ALAN WILMAN (Baritone)
BETT NO. DE BOER (Soprano)
EDWARD STUBBS (Soprano)
ORCHESTRA

7.30 Hungary Orchestra.
Overture, "Hungarian Comedy" Bela
7.35 Italy Roba
"Caro Nome" ("Rigoletto")... Verdi
"Mazurka" Waltz Song... Paganini
"Serenade"... Tosti
"Nuit Napolitaine"... D'Almeida
7.40 "The Three Celibates" Schubert (15)
Orchestra
Extractions "Moment Musical" Schubert
Waltz "The Blue Danube" Strauss
8.21 Suite, "Spanish Dances" Liszt
8.30 Poland, Bethung De Boer.
Romance from Concerto "Wienawski"
8.40 France, Rameau
"J'ai pleuré en Réve"... Weckerlin
"Muset de Martini"... Fantomilles
"Boil Song" ("Lakmé")... Delibes
Selection, "Véronique"... Messenger
"L'air du Bal"... Gilet
"Softly Awaken My Heart" ("Samson and Delilah")... Saint-Saëns
"Fête de Hameau"... Gilet
9.10 England, "Lowland Sea" Brancome
"A Jolly Old Cavalier"... Diz
"Chanson de Matin"
"Chanson de Nuit"
9.30 WEATHER FORECAST and NEWS.
S.B. from London.
Sir GEORGE NEWMAN S.B. from London.
Local News.
10.0-10.30 Programme S.B. from London.

SATURDAY, October 4th.

4.0-4.30 } WOMEN'S HALF HOUR
5.15-6.15 } CHILDREN'S CORNER
7.0-11.0 } Programme S.B. from London.
Announcer: L. H. Page.



"I know a bank....."

What is it our Italian friends say for "taking it easy"? "dolce far niente," isn't it? That is what I am doing on this glorious summer evening. Auntie Fellows and the youngsters have once more deserted me—Wembley again—but so long as there is a punt by the cool, green bank, a pipe, and my "Portable Three," loneliness has no dread.

I often think that a Portable Three is one of the best investments anyone can make. It is so free from trouble. Only a switch to turn and the phones to put on. Once you have tuned in—in itself a most simple matter—you can leave the adjustment set for that particular station for ever if you wish. "Broadcasting at the turn of a switch," I call it.

To-night when our friends come in I shall just tack the Portable Three on to my aerial, join up the Volutone Loud Speaker and we'll dance on the lawn.

Then when the Winter sets in I shall keep it attached to the outdoor aerial and it will become a "permanent" set.

Undoubtedly a good investment.

THE PORTABLE THREE.

A completely self-contained Valvone consisting of aerial, switch, tuner, and loud speaker.
Price (Glasgow) £14-0-0
In Paris Case £16-0-0
Suttons Music Co. Ltd. 3715
3 Dull End Street, Vauxhall.

FELLOWS WIRELESS

Brandes

The Name to Know in Radio



*Result of
16 years'
experience*

I'll tell the World!

The fever of the Experimenter has fired young Bill's ambition. In the picturesque vernacular of our American friends he has cottoned on to the hull bunch—vacuum tubes, hook-ups, new wave bands right down to the last binding-post." The family eye him with increasing respect in fact they would rather view him from afar. They are disinclined to enter a whirl of technicality which sets them in a maze. But now young Bill tunes in the distant stations with his "*Matched Tone*" Headphones and is content. They bring in the faintest signals, their delicate super-sensitivity making them unexcelled for long range telephony. Bill will tell you all about them—and what their matched receivers mean to the Experimenter—if he catches you. Ask your dealer for Brandes.

25/-

BRITISH MANUFACTURE
R.B.C. Standard
Manufactured at Slough, Bucks.

Matched Tone

TRADE MARK

Radio Headphones



Leeds—Bradford Programme.

Week Beginning Sunday, September 28th.

SUNDAY, September 28th.

10.15-11.00 *Programme S.B. from London*

MONDAY, September 29th.

WEDNESDAY, October 1st

3.30-4.00 *Beasley Ghent and his Orchestra relayed from the Tower Picture House, Leeds.*

5.15-6.15 **CHILDREN'S CORNER**

7.0-11.0 *Programme S.B. from London*

TUESDAY, September 30th.

2.30-4.00 *Harold Green and his Orchestra, relayed from the Theatre Royal Cinema, Bradford.*

4.4-5.15 **WOMEN'S TALK HOUR**

6.1-6.45 **CHILDREN'S CORNER**

7.0-7.45 **WEATHER FORECAST and NEWS**

8.1-8.45 *from London*

9.1-9.45 **E. E. BEATTIE VIOLIN**

10.1-10.45 *and a Chat on Y. from London*

7.30-10.45 *Programme S.B. from London*

THURSDAY, October 2nd.

2.30-4.00 *Harold Green and his Orchestra, relayed from the Theatre Royal Cinema, Bradford.*

4.4-5.15 **WOMEN'S TALK HOUR**

5.15-6.15 **CHILDREN'S CORNER**

7.0-7.45 *Programme S.B. from London*

FRIDAY, October 3rd.

2.30-4.00 *Harold Green and his Orchestra, relayed from the Theatre Royal Cinema, Bradford.*

5.15-6.15 **CHILDREN'S CORNER**

7.0-7.45 *from London*

7.1-7.45 **WEATHER FORECAST and NEWS**

8.1-8.45 **EXLEY SCHOLERS S.B. from London**

9.1-9.45 *Local News*

7.0-9.45 **Programme.**

Leeds Concert by *Leeds Concert*

10.1-10.45 **AN ANTHONY TYLER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**

7.0-7.30 **CHILDREN'S CORNER**

7.30-8.00 **CHILDREN'S CORNER**

8.0-8.30 **CHILDREN'S CORNER**

8.30-9.00 **CHILDREN'S CORNER**

9.0-9.30 **CHILDREN'S CORNER**

9.30-10.00 **CHILDREN'S CORNER**

10.0-10.30 **CHILDREN'S CORNER**

10.30-11.00 **CHILDREN'S CORNER**

11.0-11.30 **CHILDREN'S CORNER**

11.30-12.00 **CHILDREN'S CORNER**

12.0-12.30 **CHILDREN'S CORNER**

12.30-1.00 **CHILDREN'S CORNER**

1.0-1.30 **CHILDREN'S CORNER**

1.30-2.00 **CHILDREN'S CORNER**

2.0-2.30 **CHILDREN'S CORNER**

2.30-3.00 **CHILDREN'S CORNER**

3.0-3.30 **CHILDREN'S CORNER**

3.30-4.00 **CHILDREN'S CORNER**

4.0-4.30 **CHILDREN'S CORNER**

4.30-5.00 **CHILDREN'S CORNER**

5.0-5.30 **CHILDREN'S CORNER**

5.30-6.00 **CHILDREN'S CORNER**

6.0-6.30 **CHILDREN'S CORNER**

6.30-7.00 **CHILDREN'S CORNER**



BOOKS

RADIO PRESS BOOKS are the theory and practice of the construction of components. Circuits and components are covered in a most comprehensive manner. Every Book is written by an expert.

JUST OUT!

RADIO PRESS PANEL TRANSFERS 6d. per large page

Order from your bookseller

List of Radio Press Books.

Wireless for All	10d.
1. The ABC of Wireless	10d.
2. The ABC of Wireless	10d.
3. The ABC of Wireless	10d.
4. The ABC of Wireless	10d.
5. The ABC of Wireless	10d.
6. The ABC of Wireless	10d.
7. The ABC of Wireless	10d.
8. The ABC of Wireless	10d.
9. The ABC of Wireless	10d.
10. The ABC of Wireless	10d.
11. The ABC of Wireless	10d.
12. The ABC of Wireless	10d.
13. The ABC of Wireless	10d.
14. The ABC of Wireless	10d.
15. The ABC of Wireless	10d.
16. The ABC of Wireless	10d.
17. The ABC of Wireless	10d.
18. The ABC of Wireless	10d.
19. The ABC of Wireless	10d.
20. The ABC of Wireless	10d.
21. The ABC of Wireless	10d.
22. The ABC of Wireless	10d.
23. The ABC of Wireless	10d.
24. The ABC of Wireless	10d.
25. The ABC of Wireless	10d.
26. The ABC of Wireless	10d.
27. The ABC of Wireless	10d.
28. The ABC of Wireless	10d.
29. The ABC of Wireless	10d.
30. The ABC of Wireless	10d.

Consult your Bookseller



A valve for every purpose

Whether you require "general purpose" valves, or special valves for high or low frequency amplification; whether you desire to use a 6- or 2-volt accumulator or dry batteries—one of the series of

MARCONI VALVES

MADE IN THE OSRAM LAMP WORKS

will exactly meet your particular need. Remember too the assurance you have of perfect performance from a valve which bears the two names: MARCONI & OSRAM

SOLD BY WIRELESS AND ELECTRICAL DEALERS, STORES, ETC

ALL BY WIRELESS
EXCITATION OSRAM
No. 1. 250 V. 1. 100
Type 2700. 100 V. 100
The M.O. Valve Co. Ltd.
STAND No. 21

Get the Valve
in the
Purple
Box



Advertisement of the M.O. Valve Co. Ltd.

Liverpool Programme.

Week Beginning Sunday, September 28th

SUNDAY, September 28th.

10.15. - S.B. from London

MONDAY, September 29th, and
WEDNESDAY, October 1st

10.15. - Gail and the Orchestra

10.45. - CHILDERN'S CORNER

11.15. - S.B. from London

TUESDAY, September 30th.

10.15. - Gail and the Orchestra

10.45. - CHILDERN'S CORNER

11.15. - S.B. from London

THURSDAY, October 2nd

10.15. - Gail and the Orchestra

10.45. - CHILDERN'S CORNER

11.15. - S.B. from London

FRIDAY, October 3rd

10.15. - Gail and the Orchestra

10.45. - CHILDERN'S CORNER

11.15. - S.B. from London

11.45. - WEATHER FORECAST and NEWS.

12.15. - S.B. from London

12.45. - NEWS

1.15. - ELYSABETH LYSON, Contralto

1.45. - FRED BROWN, Solo Violon

2.15. - STEPHEN WEALING, (Pianoforte)

2.45. - LEO GYMER, Baritone

3.15. - Violon and Piano

3.45. - Sonata in A Minor, by Chopin

4.15. - Lorraine Stone

4.45. - My dearest

5.15. - A. V. V.

5.45. - A. V. V.

6.15. - A. V. V.

6.45. - A. V. V.

7.15. - A. V. V.

7.45. - A. V. V.

8.15. - A. V. V.

8.45. - A. V. V.

9.15. - A. V. V.

9.45. - A. V. V.

10.15. - A. V. V.

10.45. - A. V. V.

11.15. - A. V. V.

11.45. - A. V. V.

12.15. - A. V. V.

12.45. - A. V. V.

1.15. - A. V. V.

1.45. - A. V. V.

2.15. - A. V. V.

2.45. - A. V. V.

3.15. - A. V. V.

3.45. - A. V. V.

4.15. - A. V. V.

4.45. - A. V. V.

5.15. - A. V. V.

5.45. - A. V. V.

6.15. - A. V. V.

6.45. - A. V. V.

7.15. - A. V. V.

7.45. - A. V. V.

8.15. - A. V. V.

8.45. - A. V. V.

9.15. - A. V. V.

9.45. - A. V. V.

10.15. - A. V. V.

10.45. - A. V. V.

11.15. - A. V. V.

11.45. - A. V. V.

12.15. - A. V. V.

12.45. - A. V. V.

1.15. - A. V. V.

1.45. - A. V. V.

2.15. - A. V. V.

2.45. - A. V. V.



Testing the Magnet Coils

In every process of the manufacture of Brown Headphones and Loud Speakers, in which the magnetic element enters, the most careful control and supervision is exercised. For instance the winding of the magnet coils is done entirely by hand and to ensure that the highest possible standard is maintained and that the resistances are absolutely accurate the aid of sensitive electrical measuring instruments is requisitioned.

In the illustration above, the operator is seen actually testing a magnet coil before it is passed on to the next operation. This careful attention to small details is typical of Brown thoroughness of manufacture.

Brown Loud Speakers and Headphones are known and appreciated throughout the world, and the high reputation they have won is an added spur in ensuring that the same high standard of workmanship shall be fully maintained.

Brown Loud Speakers—owing to their unique design—are more sensitive and produce a greater volume than is possible with the ordinary flat diaphragm type of Loud Speaker. At the same time, the superiority of their tonal purity is most marked.

If you are contemplating the purchase of a Loud Speaker, be sure you hear a Brown. You will immediately appreciate that its tuned reed mechanism and cone-shaped aluminium diaphragm are together responsible for a fidelity of reproduction which is absolutely unrivalled.

S. G. BROWN, Ltd.,
Victoria Road,
N. Acton, W. 2.

Showrooms:
19, Montague Street, W. 1.
15, Monmouth, Liverpool.
67, High St., Southampton.

Prices and Types:

Type H.1.	21 in. high:	Type H.2.	32 in. high:
120 ohms	15 5 0	120 ohms	12 5 0
2,000 ohms	15 8 0	2,000 ohms	12 8 0
4,000 ohms	15 10 0	4,000 ohms	12 12 6

The first of JOHN O' LONDON'S little Books—

IS IT GOOD ENGLISH

AND LIKE MATTERS

(2nd Edition)

Geographical Names, Spelling and Grammar
2/6 net. 2/6 net. 2/6 net. 2/6 net.
GEORGE NEW

Published by GEORGE NEW



Libert Ad. 1403.



ALL-BRITISH
WIRELESS
EXHIBITION
AT THE
ROYAL ALBERT HALL
SEPT. 27TH - OCT. 8TH 1924.
Latest Radio Developments

Housed appropriately in the most famous Hall in the Metropolitan City of London, this exhibition, the greatest of its kind, will mark another stage in the progress of wireless communication. Organised by the National Association of Radio Manufacturers (a Corporation since the War) wide representation of the most advanced wireless apparatus is being shown at the exhibition. The Association and its members have the pleasure of extending an invitation to all who are interested in the latest developments in this branch.

In addition, the exhibition will show the latest in the development of the wireless industry, and will be a most interesting and instructive feature of the exhibition.

During the exhibition, the Royal Albert Hall will be the scene of a series of lectures and demonstrations, and will be the centre of a most interesting and instructive feature of the exhibition.

For further information, please apply to the British Broadcasting Corporation.

Admission 1/6 (Including Tax),

and a single ticket for the exhibition, which will be sold at 1/6 each.

10.30 a.m. to 10.0 p.m. daily

Organised by

THE NATIONAL ASSOCIATION OF RADIO MANUFACTURERS
 35, KING WILLIAM STREET, LONDON, W.C.2

An Invitation.

You are cordially invited to attend an Exhibition of Radio equipment, including Television apparatus in its present state of advancement, to be held by the General Radio Company, Ltd. at 235, Regent Street W.1, from Wednesday, September 24th, to Wednesday, October 8th (10 a.m. to 10 p.m. daily). You will be made most welcome.

GENERAL RADIO COMPANY

Radio House, 235, Regent Street, London, W.1.

Telephone: Mayfair 7152.

Telegram: "Algenrad, London"



Reception that is deception

IT really seems as though the vocalist is singing in the room—every silver note—every delicate inflexion of the voice—each note of the accompaniment—is reproduced with perfect clarity



Wireless Sets are a revelation of what perfect reception should be. If you

haven't heard the EFESCAPHONE Receiving Sets you have yet to hear perfect reproduction. So simple to operate, too—and the wave-length range of the multi-valve sets covers all British and Continental Broadcasting, Ships, Air-craft, etc., without adding special coils. The cabinet work has a very handsome appearance and "tuning" has been specially simplified. If you desire a smaller set than the "Anson" investigate the special feature of the "Benbow" a crystal receiver with fully a 15-mile range.

Catalogue No. 322 tells you all about EFESCAPHONE Wireless Receiving Sets and Electric Wireless Components. Write for your copy to-day.

EFESCAPHONE Sets are sold by all Wireless Dealers, Ironmongers, and Electricians.

FALK, STADELMANN & CO., LTD.,
Efesca Electrical Works, 83-85-87, Farringdon Road, London, E.C.1
and at Glasgow, Manchester and Birmingham.

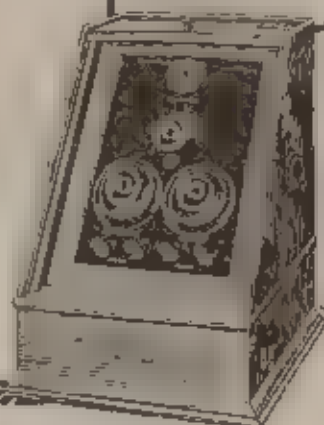
The "ANSON" Crystal Valve Model (Illustrated)

A multi-valve portable set with one and two valves is available in the new set of models in the range of the "Anson" Crystal Valve Model. The one valve set is a low powered speaker set, and the two valve set is a more powerful set with a more powerful speaker. Both sets are complete with all accessories.

One valve Two valve.

£12 £15

The "ANSON" Crystal-Valve Set



Sheffield Programme. Week Beginning Sunday, September 28th

SUNDAY, September 28th.

4.0-5.0. — Programme S.B. from London
8.0-10.0. — Programme S.B. from London

MONDAY, September 29th.

11.30-12.30. — Gramophone Records
3.30-4.30. — Programme S.B. from London
6.30-6.45. — CHILDREN'S CORNER. Round the World with Uncle Herbert
7.0-11.0. — Programme S.B. from London

TUESDAY, September 30th, and THURSDAY, October 2nd.

11.30-12.30. — Gramophone Records
3.30-4.30. — Programme from the Albert Hall.
5.30-6.30. — CHILDREN'S CORNER
7.0 onwards. — Programme S.B. from London

WEDNESDAY, October 1st

11.30-12.30. — Gramophone Records
3.30-4.30. — Local Concert
6.30-6.45. — CHILDREN'S CORNER. Round the World with Uncle Herbert
7.0-11.0. — Programme S.B. from London

FRIDAY, October 3rd

11.30-12.30. — Gramophone Records
3.30-4.30. — Programme S.B. from London
6.30-6.45. — CHILDREN'S CORNER. Round the World with Uncle Herbert
7.0. WEATHER FORECAST and NEWS S.B. from London
8.0-9.0. — FIVE SHILLINGS. S.B. from London
Local News

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

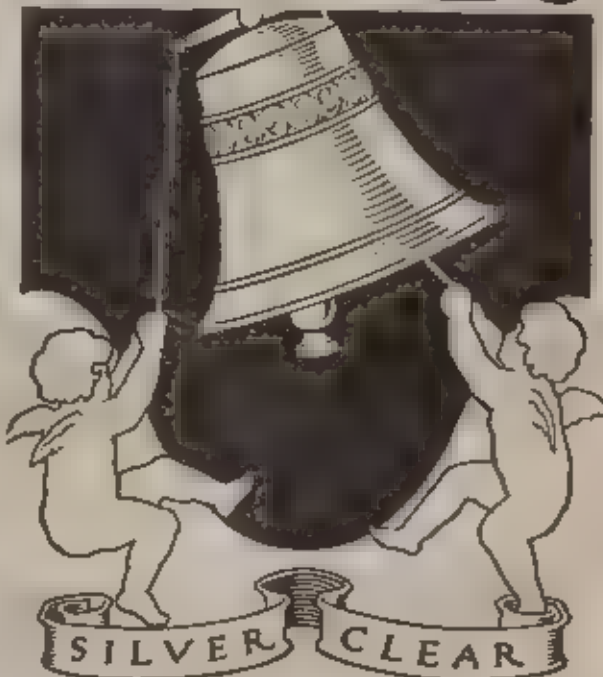
THE STATION ORCHESTRA

Conductor: COLIN SMITH

THE STATION ORCHESTRA

Conductor: COLIN SMITH

Louden VALVES



Silver Clear

Here is the Trade Mark by which Louden Valves are known. It was chosen because it represents the essential feature of Louden Valves—Silver Clear reproduction.

There are very good reasons why the open spiral anode of the Louden enables such clear reception to be obtained, but the best of good proofs is to buy one to-day and fit it to your set.

From the moment you switch on, you will notice that your reception is clearer than it was before.

You may have become so accustomed to the "breathing" noise of your set that you do not notice it. When you fit Louden Valves you will most certainly notice its absence. You will realise why we say that Louden Valves are Silver Clear.

FELLOWS WIRELESS

ADVERT OF THE FELLOWS MAGNETO CO. LTD. PARK ROYAL, LONDON, N.W.10



10/-

As British as the Flag

Buy British
Goods ONLY



THE Ethophone V, a British-built Burndept four-valve receiver, is famous for the all-round excellence of its construction. It has a wavelength range of 00 to 5,000 metres, incorporates a selective device which eliminates "interference" from other stations, and is a most reliable and durable receiver. Price £32 10s. Od. (including Loud Speaker £30 or other resistance) price £25.



Visit Our Stand at the Albert Hall

All-British Wireless
Exhibition,
Sept. 27th-Oct. 8th,
at the Albert Hall.

STANDS
72 and 74.

Boxes
134 & 135.

Do not fail to visit the Burndept Exhibit at the All-British Wireless Exhibition, where you will see all our newly-designed Receiving Apparatus and Components. Those who want a simple crystal set, a five-guinea two-valve loud-speaker receiver, or a powerful multi-valve receiver and those who want to build apparatus themselves will all find something to interest them amongst the latest Burndept products. The Burndept range has never been so extensive as it is to-day and we can confidently say that each piece of apparatus is the best for its purpose. Burndept products are British-made.

Remember Stands 72 and 74, at the Albert Hall

Displays of new Burndept apparatus and components are being held at our Provincial Branches and by our Principal Agents

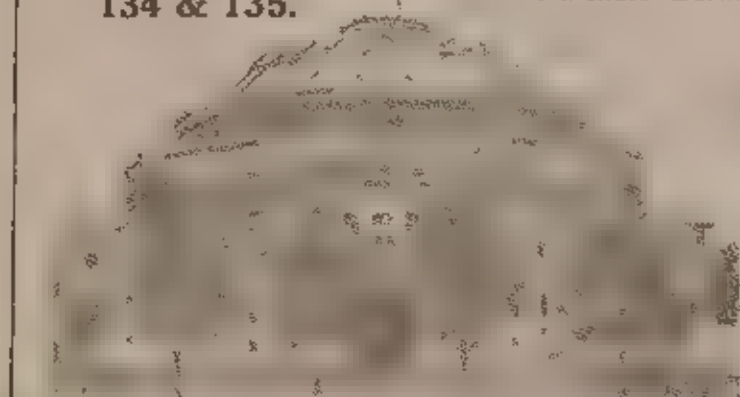
Purchase Burndept by its name—substitutes are not the same.

BURNDEPT

WIRELESS APPARATUS

BURNDEPT LTD., Aldine House, Bedford St., Strand, W.C.2
Phone: Gerrard 9077

LEEDS: Basinghall Street (Near City Square)
CARDIFF 67, Queen St. NORTHAMPTON 8, The Drapery



Safety First

EDISON BELL Earthing Plug & Lightning Arrester



A ..
PLUG IN ACTION

How to avoid danger from
LIGHTNING
THROUGH YOUR WIRELESS AERIAL.

It is a well known fact that lightning strikes wireless aerials and the danger to the set and the home is very great. The Edison Bell Earthing Plug and Lightning Arrester is a simple and effective device which can be fitted to any wireless aerial and will protect the set and the home from the danger of lightning strikes.

SAFETY FIRST

INSURE
YOUR WIRELESS SET AND
HOME AGAINST LIGHTNING

By using an

EDISON BELL
AUTOMATIC EARTHING PLUG AND
LIGHTNING ARRESTER.

There is over 30 years' reputation behind the name

EDISON BELL

a solid guarantee of good faith with Trade and Public.

RADIO SETS, COMPONENT
PARTS, INSULATORS, Etc.,
Manufactured throughout

SOLD BY THE LEADING DEALERS
West End Depot: 43, Cranbourn Street (Opposite the London Hippodrome)

PRICE

6/6

EACH

Manufacturers:
J.E. HOUGH, LTD.,

Edison Bell Works, Glengall Rd, London, S.E.15.

G.W.I. VALVE RENEWALS

BURNT-OUT VALVES

renewed by the G.W.I. process
guaranteed

STANDARD TYPES FROM 6/6 each
DULLEMITTERS, any type, from 10/6 each

Let us send you particulars of the G.W.I. Plateless Valve, which gives Crystal tone with full Valve Strength.

G.W.I., Ltd., 43, Grafton St., Tottenham Ct. Rd., W.1.
1 minute from Warren Street Tube Station.
THE ORIGINAL AND LARGEST REPAIRERS OF VALVES.

TUNGSTALITE

BLUE LABEL (Regd No. 447149)

THE UNSOLICITED TESTIMONY OF USERS FROM ALL PARTS OF THE WORLD HAS PROCLAIMED THIS SYNTHETIC PRODUCT TO BE THE MOST PERFECT AND REMARKABLE ACHIEVEMENT OF ITS KIND.

16. FROM 4.1 DEALERS 16

TUNGSTALITE, LTD.,

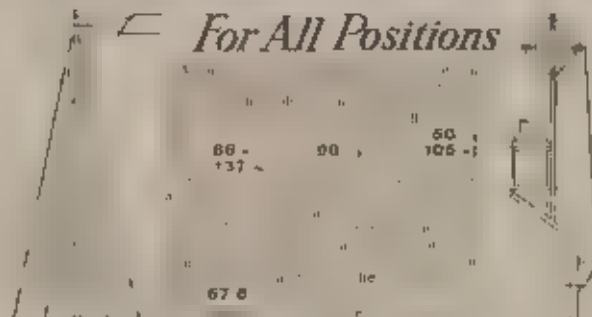
For the Tube or 41 Car Lane LEEDS.
47, Farnegden Rd. LONDON, E.C.1
Phone 239
Grafton—Tungstallite Smith. Grafton—Tungstallite Leeds.

Look Out for the Blue Seal on Every Tube.



STEEL MASTS

For All Positions



Abbey Engineering Works,
WATTON NORFOLK

ACCUMULATORS RE-CHARGED FREE

What better bottle and from your ordinary electric installation, where you have direct current. The "CHASEWAY" CHARGER (D.C.) is a simple device which automatically re-charges your accumulator by doing away with the weekly re-charging expense and avoiding that last minute "let down" when you require to listen-in, and all the usual accumulator troubles.

Whenever you are using the current for any purpose, the "CHASEWAY" automatically re-charges your accumulator.

Write to conditions of Supply Companies and Fins Insurance Companies.

Send now 25/- for the cheapest and most practical job on the market without ammeter 15/-

THE CHASE ELECTRICAL MANUFACTURING Co., Ltd.,
111, FLEET STREET LONDON, E.C.4.

25/-
post free

DOUBLES THE PLEASURE OF WIRELESS

WITH A **C.A.V.**

LOUD SPEAKER

You Hear the Musician Himself as though actually singing or playing in your room.

See it at the Wireless **STAND 112** 2,000 stands
Exhibition, Albert Hall, or obtain folder from Wireless Dept.

C.A. Vandervell & Co., Ltd.
ACTON VALE LONDON W.3



A model of value and efficiency

The ACME Valve receiver is the embodiment of compactness and simplicity of control and is notable in the one case no accumulation of energy necessary. It can deal with very short wave reception, a heavy telephone receiver, a long range, sensitive reception with minimum upkeep. It will also give Loud Speaker results at 10 to 15 miles on a standard set.

1. 10 to 15 miles on a standard set. £8.8.0.

1. 10 to 15 miles on a standard set. £8.8.0.

The Acme Production Co., Ltd.,
Smethwick, Birmingham.
1. 10 to 15 miles on a standard set. £8.8.0.



The ACME
1-valve Set
£8.8.0

With all accessories.

YOURS FOR 20/-

Send 20/- to-day, together with your order for the "Tonyphone", and this wonderful set, which receives all B.B.C. stations, will be delivered complete, including all accessories. You pay a further £1 each month afterwards. The total cost is only £15 9s., or if you prefer £14 5s. cash.

'Tonyphone' Super Two-Valves

Complete with Accumulator, H.T. Battery, Aerial, 1 pair 4,000 ohms Headphones and two valves and High Frequency and one detector. A. Royalties paid.

Send to-day and enjoy broadcasting NOW

BRITISH ENGINEERING PRODUCTS CO.
(Appliances Dept.), Windsor House, Victoria Street, London, S.W.1.



Enduring!

The D.L.S. Crystal and "Palladium" Catwhisker

Two large pieces of Crystal and Catwhisker carefully packed in dust-proof case.

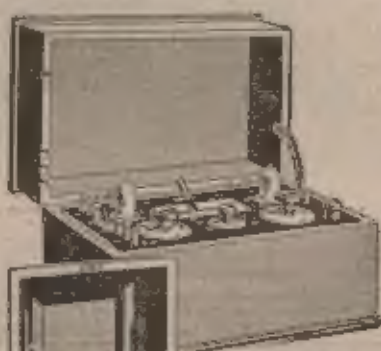
2/-

From your dealer, or direct to

The J.W.B. WIRELESS CO.,
111, FLEET STREET LONDON, E.C.4.

D.L.S. CRYSTAL
and
"Palladium" Catwhisker

THE MARK of Efficiency



2-Valve Set.
In simple case
£11. 10. 0.
With all accessories
£18.



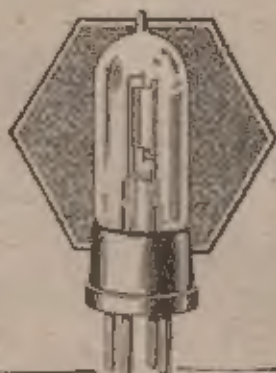
2-Valve Set.
With all accessories
in Cabinet — Oak
£24. 5. 0.
Mahogany
£26. 5. 0.



5-Valve
Set.
With all
accessories
in Cabinet — Oak
£38.
Mahogany
£40.



5-Valve
"Load-Speaker" Set.
In Jeanbean
Cabinet £67.



THE
"COSMOS"
TYPE D.E. 11
DULL EMITTER
VALVE
FOR ALL STAGES.

COSMOS RADIO

New Receiving Sets at the All-British
Wireless Exhibition Albert Hall Sept.
27th to Oct. 8th.

STAND
H31

THE outstanding items of interest at this exhibition are the NEW "COSMOS" UNIVERSAL VALVE SETS.

These sets are arranged for reception on all wave-lengths in use for broadcast telephony. The change from one wave-length to another can be made in a moment, by drawing out one "coil-box" and slipping in another. The illustration below indicates the simplicity of this operation. Three "coil-boxes" cover the whole range from 300 to 3,000 metres.

A special dual-amplification circuit, combined with distortionless resistance-capacity coupling, gives great sensitiveness and large amplification, together with the most perfect possible reproduction.

Reaction coupling may be effected on to the anode or serial circuit at will—a feature exclusive to the "Cosmos" Set. Move the reaction lever one way, and signals may be searched for without fear of interfering with your neighbours, swing it over the other way, and the utmost possible selectivity and sensitiveness can be obtained.

The sets will take any type of valve on the market, bright or dull-emitter, or power valves, or any desired combination of valves, without alteration to the set.

The sets are mounted in highly finished cases and cabinets, in a variety of styles, simple and elaborate. Some sets have a loud speaker and horn incorporated in the cabinet; these self-contained "loud speaker" sets form really handsome pieces of furniture, and have moreover an exceptionally fine tone. Only a few typical examples can be illustrated here, owing to limitations of space. Write for "Cosmos" Radio Catalogue No. R.T. 7117/1 (Price 6d.), in which full particulars and prices will be found of a large variety of types.



THE "COSMOS" RADIOPHONE VALVE SETS which received universal approbation last season are also continued for the coming season at **Reduced Prices**, of which a few examples are given below.

2-Valve Set in Oak Cabinet	£23. 10. 0.
2 " " " Mahogany Cabinet	£25. 10. 0.
4 " " " Oak Cabinet	£34. 0. 0.
4 " " " Mahogany Cabinet	£36. 0. 0.
4 " " " Loud Speaker Set in rich Jeanbean Cabinet	£64. 0. 0.

Ask your Wireless Dealer to show you "Cosmos" Sets.

METRO-VICK SUPPLIES, LTD.,

(Proprietors, Metropolitan-Vickers Electrical Co., Ltd.)

4, Central Buildings, Westminster, S.W. 1.

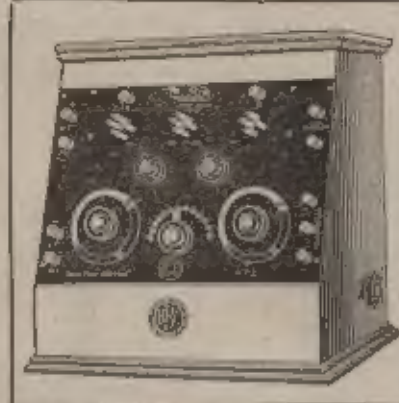
COSMOS



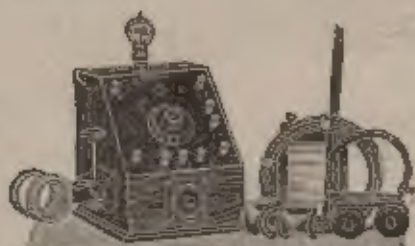
One of our instruments about half finished. (note special design of coil which gives high efficiency and eliminates interferences.)

FOR THOSE WHO WANT THE BEST Dunham Instruments will particularly appeal. When you buy a wireless receiver it will pay you to buy the best with an assurance of quality and with a definite guarantee. The unique design and circuit arrangements make Dunham Instruments the most efficient and their beautiful finish gives them pride of place in every home. Wonderfully built and designed, they give a range that is unequalled with a rendering that is perfect and they are extremely simple to operate. The Dunham 3-valve set will bring in distant stations on the loud speaker up to 400 or 500 miles, and the new high-power station up to approximately 800 miles. Its range includes, not only all B.B.C. stations, but Paris, Radiola, etc. On an indoor aerial it has a range of from 400 to 500 miles and signals come through loudly and clearly. A beautiful receiver, wonderfully built and designed with an **EVERLASTING GUARANTEE**. 3-Valve Receiver £9. 12s. 6. plus Marconi royalty fee 37/6, or absolutely complete £15. 18s. 6. Write for full catalogue and more particulars of the wonderful machines we market, and traders for Agency terms and good trade terms.

C. S. DUNHAM, (Radio Engineer).
late of Marconi Se. Inst. Co., 244, Brighton Hill, S.W.2.
Phone: Brighton 3325. New and easy deferred payments.



The "DUNHAM" 3-Valve Receiver.



The
"Wootophone"
Little
Wonder

ONE VALVE SET.

complete as illustrated with coils for B.B.C. wave lengths.
Price £10 - 0 - 0.

A highly efficient receiver for all wave lengths.
Seen at Stand. No. 46, All British Wireless Exhibition,
Royal Albert Hall, Sept. 27th to October 8th.
Send P.C. for fully illustrated Catalogue.

F. E. WOOTTEN, Ltd., Wireless Manufacturers,
12, HIGH ST., OXFORD.

NO MORE UNSIGHTLY DIRTY BRASS TERMINALS!

How many times have you admired the nickel-plated terminals and brasswork on your chosen receiver, and wished yours were the same? And how often have you contemplated buying nickel-plated parts to make your own instrument as handsome as your neighbour's, but have refrained from doing so owing to the expense and trouble involved? Since all times, we know. Well, why not realize your wish by sending for a tin of **SILVEREX** the rapid and efficient **SILVER PLATER**, which deposits a plate of pure silver upon brass and copper in a few seconds. You can silver-plate your terminals and brass-work in an instant without removing them from the set.

PRICE: 2s. 3d. per pot, post free.

Prepared only by **BAILEY BROTHERS, 139, Earle Street, Earlestown, Lanes.**

If each Crystal cost five shillings

CYMOSITE would still be the most economical Crystal even if each piece cost five shillings. In other words you can buy and use more crystals and so make your set more efficient and more reliable. Try for us today. We will send you a sample of **CYMOSITE** crystals and you will see for yourself that they are the most economical and most reliable crystals yet made.



THE SUPER CRYSTAL CYMOSITE IN SEALED BOXES

Modern Wireless

THE forthcoming issue of "Modern Wireless" (reverting to its usual price of 1/-) will be remarkable for several fine constructional articles. These articles will be illustrated by numerous full page photographs of the various sets and in combination with the descriptive matter will very effectively demonstrate how remarkably simple it is to build a "Modern Wireless" Receiver. In addition to

the constructional side of Wireless there are numerous articles of theoretical and practical interest which cannot fail to be of the greatest value to every intelligent broadcast enthusiast. Remember that the last issue was completely sold out within a few days—this issue, when its complete list of contents is fully made known, will be in just as great a demand, therefore place an order with your Newsagent to-day and prevent disappointment.

NOTE PUBLISHING DATE: OCT. 3rd.

Some of the Special Articles:

An important new type of Radio Receiver in which the Crystal is eliminated.

By J. J. SCOTT-MCGOWAN, F.I.R.E., A.M.I.E.E.

How to build a good all-round 3-Valve Receiver (1 H.F. Valve, 1 Detector and 1 L.F. Valve).

By HERBERT K. SIMPSON.

A specially adapted selective Single-Valve Set and how to build it.

By S. U. RAYNER, M.B.E.

Instructions for building a "Tapped-out" Crystal Set. More information about multi-stage High Frequency Amplification.

By J. J. SCOTT-MCGOWAN, F.I.R.E., A.M.I.E.E.

An accurate Continental Broadcasting Time-table.

Some efficient and tested one-valve Radio Circuits, and many others.

Published by **Radio Press, Ltd.,**
Gush House, Aldwych, W.C.2.

1/-

Order to Newsagent.
PLEASE reserve for me, when published, one copy of October issue of "Modern Wireless" (published October 3rd, price 1/-).

Name

Address

Gilbert Ad. 1422.

Next issue on sale
October 3RD order it now

Exide

THE LONG-LIFE BATTERY

—Some Types & Prices

"Exide" Batteries enable you to get the very best results from your set, as they maintain uniform current over a long period of discharge.

Made up in 2-volt, 4-volt and 6-volt units, there is an "Exide" available for every type of valve.

The prices are low, and there is no better battery made.

Use an "Exide" with your set this Autumn and secure clearness in reception.

**BUILT BY THE LARGEST
BATTERY WORKS IN THE
BRITISH EMPIRE.**

Look for this
sign.



450 Service Agents.

Manufactured by

THE Chloride ELECTRICAL STORAGE
COMPANY LIMITED.

at CLIFTON JUNCTION, NR. MANCHESTER.
London Depot: 219/229, Shaftesbury Avenue, W.C.2.

C Z TYPE. 4-Volt Sets.

TYPE	IGNITION CAPACITY Amp.-Hrs.	ACTUAL CAPACITY Amp.-Hrs.	Price Cells Only.	Price in Case.
2-C Z 3	60	30	1 7 0	1 14 0
2-C Z 4	80	40	1 12 0	1 19 0
2-C Z 5	100	50	1 17 0	2 5 0
2-C Z 6	120	60	2 2 0	2 10 0

C Z TYPE. 6-Volt Sets.

3-C Z 3	60	30	2 0 6	2 8 9
3-C Z 4	80	40	2 5 0	2 16 6
3-C Z 5	100	50	2 15 6	3 4 0
3-C Z 6	120	60	3 3 0	3 12 6

C X TYPE. 6-Volt Sets.

3-C X 5	150	75	3 18 6	4 7 9
3-C X 6	180	90	4 9 0	4 19 0
3-C X 7	210	105	4 19 0	5 9 3
3-C X 8	240	120	5 9 0	5 19 6

H Z TYPE. 2-Volt Cell.

1-H Z 2	80	40	0 17 6	1 3 6
1-H Z 3	120	60	1 3 0	2 8 0
1-H Z 4	160	80	1 4 6	2 12 6

D T G TYPE 2-Volt Cell.

Type.	Capacity.	Price.
D T G	20 amp.-hrs. (Reference—Standard Rate.)	5/- per cell.



STAND No. 73,
ALL BRITISH WIRELESS EXHIBITION,
ALBERT HALL, SEPT. 27th—OCT. 6th.

ISLAND STAND No. 5,
MANCHESTER WIRELESS EXHIBITION,
MANCHESTER, OCT. 14th.

**ON VIEW**

STERLING RECEIVERS
STERLING HEADPHONES
STERLING CONDENSERS

"PRIMAX"

"ADDIEX"

"BABY"

"DINKIE"

STERLING MICROWAVE
CONDENSERS

and the full Sterling
Range of Radio
Apparatus Components

ALL-BRITISH WIRELESS EXHIBITION
Royal Albert Hall London SEP^r 27th OCT. 8th 1924

STERLING RADIO

AT

STANDS NO^s 54, 55 & 56

ADVT. OF STERLING TELEPHONE AND ELECTRIC CO. L^{TD}
TELEPHONE HOUSE 210-212 TOTTENHAM COURT RD LONDON W 1